

STATE OF NEW YORK
CONSERVATION DEPARTMENT
WATER RESOURCES COMMISSION

**CHLORIDE CONCENTRATION AND TEMPERATURE
OF THE WATERS OF NASSAU COUNTY,
LONG ISLAND, NEW YORK**

By
F.A. DeLuca, J.F. Hoffman, and E.R. Lubke
U.S. Geological Survey



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U. S. GEOLOGICAL SURVEY
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NEW YORK WATER RESOURCES COMMISSION
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INTRODUCTION

Nassau County comprises an area of about 274 square miles in western Long Island (fig. 1). It is bounded on the east by Suffolk County, on the west by Queens County, on the north by Long Island Sound, and on the south by the Atlantic Ocean. The U. S. Geological Survey in cooperation with the New York State Water Resources Commission and the Nassau County Department of Public Works has carried on monitoring and investigatory programs on the water resources of Nassau County since 1932. Chloride and temperature determinations are important aspects of the hydrologic monitoring program in Nassau County. The purpose of this report is to present a summary of these basic data to supplement interpretative reports which have been published or are in preparation.

The chloride and temperature measurements in this report include most published and unpublished data from about 1895 to 1962. Tables 1 and 3 summarize the ranges of temperature and chloride content of water from wells and streams sampled more than once; however, selected single determinations also have been included in those tables to provide a better representation of early conditions and a better areal coverage. Some individual temperature measurements and chloride concentrations for sites sampled periodically are presented in tables 2 and 4.

Additional data on water temperature and chloride content are on file at the U. S. Geological Survey office at Mineola, New York.

Chloride analyses were made by the U. S. Geological Survey; Nassau County Department of Health; Nassau County Department of Public Works; New York State Department of Health; and the City of New York Department of Water Supply, Gas and Electricity. Most temperature measurements were made by the U. S. Geological Survey with laboratory-type mercury thermometers calibrated directly to the nearest tenth of a degree.

The principal water-bearing units in Nassau County are the upper Pleistocene deposits and Jameco Gravel of Pleistocene age and the Magothy(?) Formation and the Lloyd Sand Member of the Raritan Formation of Late Cretaceous age. Deposits of Recent age are largely restricted to the coastal areas and are a minor source of water, owing to their thinness and the high chloride content of the water that they contain in most places. Detailed descriptions of the geology and hydrology of these units and the extent of sea-water encroachment in Nassau County are given in reports by Perlmutter and Geraghty (1963), Swarzenski (1963), Luszczynski and Swarzenski (1965), Isbister (1964), and Veatch and others (1906). Records of wells are given in Leggette and others (1938), Roberts and Brashears (1946), and Johnson and others (1958).

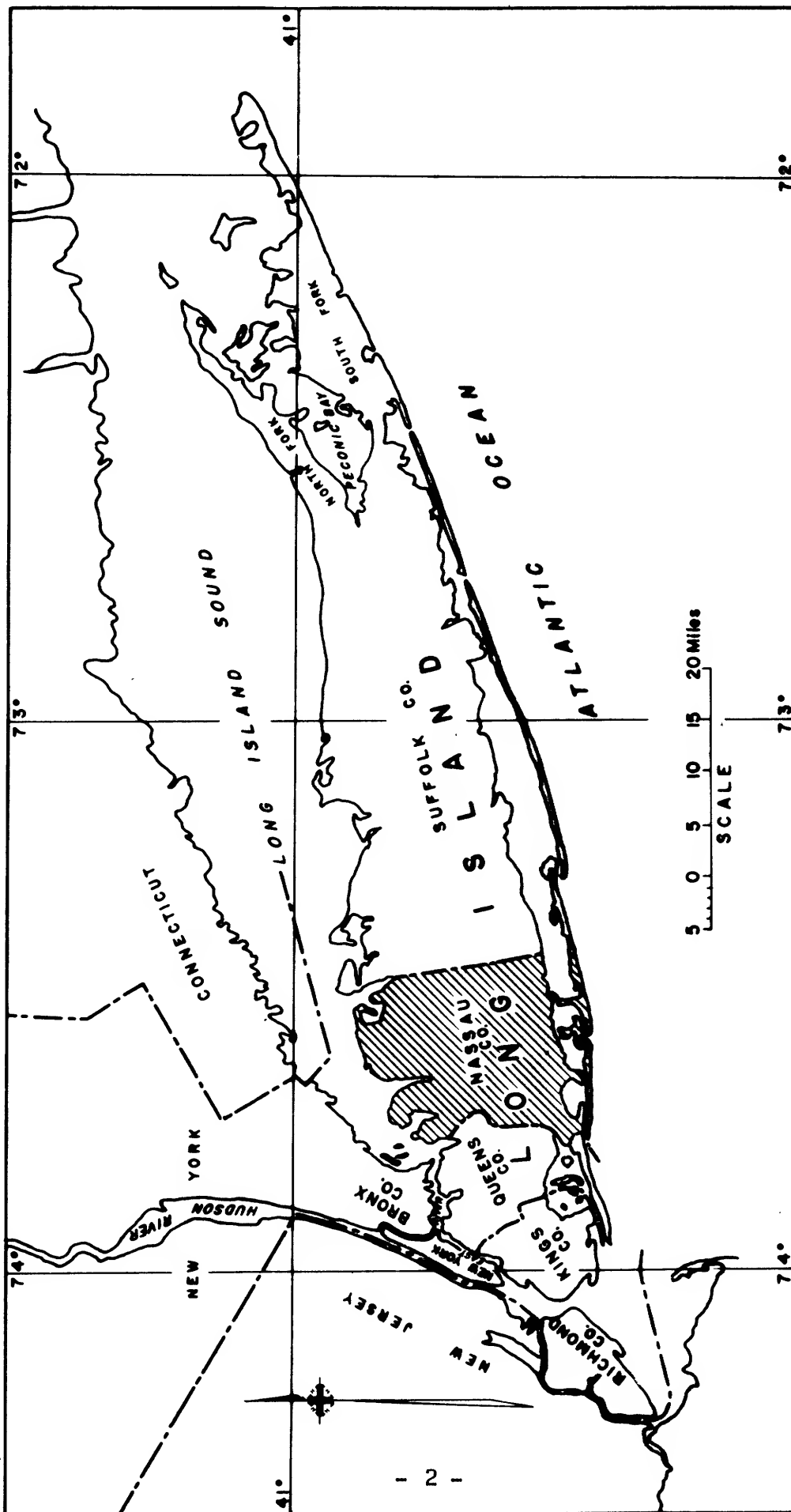


Figure 1.--Map of Long Island showing location of Nassau County.

Plate 1 shows the location of wells and surface-water bodies for which either chloride or temperature determinations, or both, are presented. Map coordinates of each well and surface-water sampling site are shown in tables 1 and 3 by the letter and number of the grid square within which the well or site is shown on plate 1.

About 6,200 chloride determinations from 540 wells, and about 3,150 temperature determinations from 380 wells are given in tables 1 and 2. Water samples were collected from observation, public-supply, and industrial wells. The water-bearing rock unit tapped by each well is shown in the geologic source column of table 1. The wells are listed serially by the official New York State well number (N1, N10, etc.). These numbers indicate approximately the chronological order in which the wells were drilled. The prefix "N" is omitted for convenience from the well numbers shown on plate 1.

Tables 3 and 4 list 48 chloride determinations and about 1,200 temperature determinations from 48 sites on streams and ponds. Stream samples are prefixed by "NS" and are numbered serially. Miscellaneous chloride and temperature measurements were made at surface-water sites NS1 - NS38. Surface-water temperatures are monitored monthly at sites NS39 - NS48.

CHLORIDE CONCENTRATION

In the ground waters sampled, chloride concentrations ranged from about 2 to 9,200 ppm (parts per million) in the upper Pleistocene deposits, 2 to 12,900 ppm in the Jamco Gravel, about 1 to 16,700 ppm in the Magothy(?) Formation, and about 1 to 2,800 in the Lloyd Sand Member of the Raritan Formation. Most of the chloride concentrations listed in the tables are less than 10 ppm and represent uncontaminated water. Concentrations in excess of this amount generally are attributed to one or more of five principal sources of contamination: (1) sea water, (2) fertilizer, (3) domestic wastes, (4) industrial wastes, and (5) road salting.

Chloride concentrations in the streams generally ranged from about 5 to 25 ppm. Samples from estuaries and bays contain several hundred to about 16,000 ppm of chloride. A sample of Atlantic Ocean water collected south of Long Beach (pl. 1, A-5) had a chloride concentration of about 17,000 ppm.

The U. S. Public Health Service (1962) recommends that chloride in drinking water should not exceed 250 ppm if other more suitable water supplies are available. Larger amounts of chlorides -- as much as 500 ppm -- in drinking water may not be harmful, but the water may taste salty if concentrations are in excess of 250 ppm.

Sea-water contamination of Nassau County's ground water is restricted to the near-shore areas in the southern and northern parts of the county. Part of the salty water occurs naturally, part is due to pumping of wells, which draws in tongues or wedges of salty ground water, and part is due to inundation of low-lying shoreline areas during extraordinary high tides. Some scattered high chloride concentrations (as high as 2,500 ppm) in the ground water of northwestern Nassau County are due to contamination resulting from the intermittent use of salty bay water in washing sand and gravel for commercial use. (Swarzenski, 1963, p. 51.)

At Port Washington (northern Nassau County, pl. 1), salt-water encroachment in the Jameco Gravel was first detected in 1944. After shut-down of most of the deep wells and curtailment of pumpage from the remaining wells about 1955, the chloride content gradually decreased. In the same general area part of the shallow deposits is contaminated by salty bay water used for washing sand and gravel. On the east side of the Port Washington area near Bar Beach brackish water from sand- and gravel-washing operations has contaminated both the shallow and the deep deposits.

In southwestern Nassau County the landward limit of the main wedge of salty water in the Pleistocene deposits and the Magothy(?) Formation trends irregularly northwest from about a mile or two east of Lido Beach to Woodmere at the Queens County line (Luszczynski and Swarzenski, 1965). The position of this salt-water front is moving slowly inland due to pumping. The present rate of advance of the front is probably less than 10-20 feet per year regionally, but locally, near pumping wells, it may be as much as several hundred feet per year (Perlmutter and Geraghty, 1963, p. 103-107 and Luszczynski and Swarzenski, 1965).

The use of fertilizers prior to the year 1945, when much of Nassau County was farmed, has caused some small increases locally in the chloride content of the ground water. At the present time, the use of fertilizers is generally limited to lawns, but the residual effects of their former use is still apparent in some areas.

Domestic wastes are discharged in many parts of Nassau County through cesspools, septic tanks, or leaching beds. Ground water in the immediate vicinity of such installations commonly contains above-normal concentrations of chloride derived from human wastes. The contamination from this source is greatest in the upper Pleistocene deposits beneath densely populated residential areas.

Possible sources of chloride contamination by industrial wastes in Nassau County include brine from ice plants, meat-packing and food-processing plants, and salts from electroplating operations. The disposal of such waste waters through recharge basins and wells may cause some increase locally in the chloride content of the ground water.

Calcium chloride and sodium chloride are used on some roads and highways in Nassau County for ice control in the winter and dust control in the summer. Chloride concentrations in the ground water near treated roads may be high temporarily, but they decrease rapidly away from the treated areas due to dilution from recharge and diffusion. Above-normal chloride concentrations may occur also in ground water in the vicinity of recharge basins that receive storm and melt water from roads which have been salted.

WATER TEMPERATURE

The temperature of ground water to a depth of about 200 feet below land surface is generally about 3° to 6°F above the average annual air temperature (Collins, 1925, p. 98). Below about 200 feet the temperature of the ground water increases about 1°F for each 60 to 100 feet of depth.

Natural ground-water temperatures in Nassau County generally range from about 50°F in the upper Pleistocene deposits to about 70°F in the Lloyd Sand Member. Ground water is commonly used in cooling and air-conditioning systems in Nassau County because of its ready availability, low cost and relatively constant temperature.

The New York State Water Resources Commission requires that water pumped for air-conditioning systems at a rate in excess of 45 gpm (gallons per minute) be returned to the source aquifer, to conserve the quantity of available ground water. In some places this may reduce the usefulness of the water for further cooling purposes. No widespread thermal pollution has been detected to date but high water temperatures have been reported locally at scattered wells in commercial areas where supply wells and recharge wells are relatively closely spaced and are screened at about the same depths.

Surface water is not generally used for cooling because of its large variation in temperature. Surface-water temperatures fluctuate over a wide range diurnally and seasonally because of variations in air temperature and radiation from the sun. The average monthly temperature of surface water can be expected to be within a few degrees of the average monthly air temperature when the air temperature is above freezing.

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Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.

| Map coordinates: | Letter and number of grid square shown on plate 1. | Use: |
|------------------|--|--|
| Owner: | Cit. WSC, Citizens Water Supply Company; | A, abandoned; C, cooling or air conditioning; |
| | Comm., Commission; Jam. WSC, Jamaica | D, domestic or institutional; Dif, diffusion |
| | Water Supply Company; NCDPW, Nassau | or recharge; G, general; Ind, industrial; |
| | County Department of Public Works; | Irr, irrigation; O, observation; PS, public |
| | NYCBWS, New York City Board of Water | supply; T, test well; U, unused. |
| | Supply; NYCDWSG&E, New York City | Screened depth: Feet below land surface. |
| | Department of Water Supply, Gas and | Geologic source: J, Jameco Gravel; L, Lloyd Sand |
| | Electricity; NYWSD, New York Water | Member of Raritan Formation; |
| | Service Division of Utilities and | M, Magothy(?) Formation; P, |
| | Industries Corporation; USGS, United | Pleistocene deposits undiffer- |
| | States Geological Survey; Vil., Village; | entiated; R, clay member of |
| | WD, Water District. | Raritan Formation; Re, Recent |
| | | deposits; uP, upper Pleistocene |
| | | deposits. |

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.

| Well | Map coordi- nates | Locality | Owner | Use | Screened depth (feet) | Geologic source | Chloride concentration | | | | Water temperature | | | | | | | |
|------|----------------------|-------------------|---------------------------|-----|-----------------------------|--------------------|-----------------------------------|-------------------|-------------------|----------------|-------------------|----------------|-----------------------------------|-------------------|--------------------------|----------------|--------------------------|------|
| | | | | | | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | |
| | | | | | | | | | Chloride (ppm) | Date | Chloride (ppm) | Date | | | Temper- ature (°F) | Date | Temper- ature (°F) | Date |
| N1 | B-5 | Cedarhurst | Knickerbocker Ice Co. | -- | 51 | UP | 1933 | 2 | 55 | May 10, 1933 | 50 | June 13, 1933 | -- | -- | 54.7 | May 22, 1962 | -- | -- |
| N10 | C-5 | Elmont | Jam. WSC | PS | 309-399 | M | 1935-62 | 30 | 16 | Jan. 11, 1955 | 3.9 | Feb. 27, 1955 | 1962 | 1 | 53.8 | May 22, 1962 | -- | -- |
| N11 | C-5 | do. | do. | PS | 375-409 | M | 1940-51 | 21 | 13 | Mar. 4, 1952 | 9.8 | Mar. 10, 1947 | 1962 | 1 | 53.8 | May 22, 1962 | Mar. 28, 1938 | |
| N12 | C-5 | do. | do. | PS | 362-422 | M | 1940-59 | 12 | 6.5 | June 15, 1952 | 3.6 | Mar. 10, 1947 | 1938-62 | 2 | 55.8 | May 22, 1962 | -- | -- |
| N13 | C-5 | do. | do. | PS | 283-283 | M | 1941-51 | 22 | 18 | Feb. 15, 1954 | 6.6 | Mar. 10, 1947 | 1962 | 1 | 54.8 | May 22, 1962 | -- | -- |
| N14 | C-5 | New Hyde Park | do. | PS | 77-107 | UP | 1941-51 | 13 | 18 | Sept. 15, 1952 | 9.5 | Mar. 10, 1947 | 1962 | 1 | 56.7 | May 22, 1962 | -- | -- |
| N15 | C-5 | do. | Premium Ice Co. | Ind | 72-102 | UP | 1935-61 | 13 | 23 | June 15, 1941 | 9.4 | Mar. 10, 1947 | 1962 | 1 | 59.7 | May 22, 1962 | -- | -- |
| N16 | C-5 | do. | Jam. WSC | PS | 378-438 | M | 1938-47 | 18 | 9 | Apr. 15, 1941 | 5 | Mar. 28, 1938 | 1938-47 | 15 | 54.5 | July 24, 1939 | Jan. 24, 1940 | |
| N17 | C-5 | do. | Cit. WSC | PS | 405-465 | M | 1940-62 | 19 | 18 | June 6, 1961 | 4.3 | Mar. 28, 1938 | 1962 | 1 | 53.7 | May 22, 1962 | -- | -- |
| N21 | D-5 | Great Neck | do. | PS | 144 | L | 1947-49 | 2 | 14 | July 6, 1949 | 8 | Aug. 21, 1947 | 1962 | 1 | 57.3 | July 27, 1962 | -- | -- |
| N22 | D-5 | do. | do. | PS | 126-146 | L | 1947-62 | 5 | 12 | July 6, 1949 | 6.6 | Aug. 21, 1947 | 1962 | 1 | 55.3 | July 27, 1962 | -- | -- |
| N23 | D-5 | do. | do. | PS | 404-434 | L | 1937-62 | 23 | 12 | Mar. 24, 1960 | 3 | June 26, 1947 | 1962 | 3 | 54.3 | Sept. 14, 1938 | Feb. 24, 1938 | |
| N24 | D-5 | Manhasset | Manhasset-Lakeville WD | PS | 359-419 | L | 1932-62 | 23 | 8 | Aug. 31, 1938 | 4 | June 26, 1947 | 1938 | 3 | 54.3 | Sept. 14, 1938 | May 29, 1962 | |
| N27 | D-5 | Flanome | Manhasset Theater | Ind | 211-225 | M | 1954-56 | 2 | 11 | Jan. 11, 1956 | 10 | Nov. 1, 1954 | 1932-62 | 6 | 56.7 | Mar. 26, 1945 | -- | -- |
| N28 | D-5 | do. | Vil. of Flanome | PS | 111-136 | UP | 1939-62 | 9 | 6.2 | Apr. 21, 1960 | 3.6 | Jan. 17, 1962 | 1939-62 | 3 | 52.9 | May 29, 1962 | Jan. 13, 1939 | |
| N29 | D-5 | Kings Point | Cit. WSC | PS | 164-204 | J | 1939-62 | 10 | 8.0 | Sept. 14, 1956 | 5.8 | Jan. 17, 1962 | 1939-62 | 4 | 52.5 | May 29, 1962 | Jan. 13, 1939 | |
| N30 | D-5 | do. | do. | PS | 173-433 | J | 1940-57 | 5 | 5.8 | Sept. 23, 1957 | 5 | Sept. 24, 1940 | 1940-62 | 2 | 54.6 | Sept. 24, 1940 | July 27, 1962 | |
| N31 | D-5 | do. | do. | PS | 164-204 | J | 1939-52 | 9 | 10 | July 6, 1949 | 4.5 | Aug. 25, 1943 | 1939-52 | 4 | 53.6 | Oct. 27, 1939 | Jan. 9, 1940 | |
| N32 | E-5 | Port Washington | Port Washington WD | PS | -- | L | 1937-42 | 23 | 30 | June 20, 1939 | 5 | Dec. 20, 1937 | 1938-40 | 9 | 54.8 | June 23, 1938 | Jan. 9, 1940 | |
| N33 | E-5 | do. | do. | PS | 239-340 | L | 1940-49 | 23 | 30 | Dec. 27, 1945 | 6 | Sept. 24, 1940 | 1940-48 | 2 | 54.3 | Sept. 24, 1940 | -- | -- |
| N35 | E-5 | do. | do. | PS | 297-357 | L | 1944-57 | 5 | 1,150 | Jan. 15, 1946 | 540 | Aug. 30, 1957 | 1950-62 | 3 | 52.4 | July 25, 1962 | May 16, 1950 | |
| N37 | E-5 | Sands Point | Vil. of Sands Point | PS | 200-214 | J | 1940-62 | 10 | 12 | July 7, 1949 | 6.6 | July 1, 1948 | 1950-62 | 2 | 52.0 | July 25, 1962 | May 16, 1950 | |
| N38 | E-5 | Long Beach | do. | PS | 280 | L | 1938-57 | 5 | 14 | July 7, 1949 | 8 | Aug. 20, 1947 | 1938-62 | 2 | 52.0 | July 25, 1962 | Feb. 24, 1938 | |
| N39 | B-5 | do. | City of Long Beach | PS | 1300 | L | 1932-51 | 55 | 11 | Aug. 3, 1938 | 2 | Dec. 7, 1945 | 1932-48 | 53 | 71.4 | July 26, 1939 | Oct. 3, 1941 | |
| N40 | B-6 | do. | do. | PS | 1195-1255 | M | 1937-62 | 30 | 34 | Mar. 27, 1962 | 2 | Dec. 7, 1945 | 1937-62 | 65 | 70.7 | Aug. 3, 1938 | July 17, 1940 | |
| N42 | B-6 | do. | do. | PS | 550-608 | M | 1934-55 | 31 | 10 | Dec. 15, 1957 | 2 | Feb. 7, 1935 | 1936-54 | 36 | 70.2 | Aug. 3, 1938 | Dec. 15, 1937 | |
| N43 | B-5 | do. | do. | PS | 1144-1184 | L | 1932-62 | 31 | 10 | Aug. 22, 1932 | 2.4 | Nov. 6, 1961 | 1936-62 | 31 | 69.8 | Sept. 3, 1954 | Dec. 13, 1949 | |
| N44 | B-5 | do. | do. | PS | 1193-1263 | L | 1934-52 | 70 | 10 | Aug. 26, 1934 | 2 | Sept. 6, 1958 | 1936-62 | 42 | 70.0 | June 16, 1948 | Mar. 18, 1948 | |
| N45 | B-5 | do. | do. | PS | 1042-1122 | L | 1932-49 | 51 | 10 | Aug. 22, 1932 | 4 | Dec. 6, 1945 | 1935-49 | 61 | 69.0 | July 26, 1933 | Oct. 3, 1941 | |
| N46 | B-6 | Lido Beach | Channel Management Corp. | PS | 449-520 | L | 1937-61 | 60 | 8 | June 14, 1949 | 1 | Dec. 16, 1947 | 1938-62 | 42 | 70.5 | Aug. 25, 1947 | May 19, 1938 | |
| N48 | B-6 | Rockville Centre | Vil. of Rockville Centre | PS | 449-520 | M | 1932-54 | 26 | 7 | Oct. 2, 1944 | 1 | Apr. 21, 1950 | 1932-53 | 20 | 62.3 | Aug. 25, 1947 | Dec. 3, 1942 | |
| N49 | B-6 | do. | do. | PS | 304-330 | M | 1932-53 | 29 | 8 | Dec. 2, 1949 | 2 | Oct. 3, 1951 | 1932-53 | 19 | 62.0 | Sept. 26, 1947 | Dec. 3, 1942 | |
| N50 | B-6 | do. | do. | PS | 436-512 | M | 1932-62 | 29 | 8 | Oct. 21, 1953 | 2 | Oct. 3, 1951 | 1932-62 | 22 | 61.8 | Aug. 30, 1951 | Dec. 3, 1942 | |
| N52 | B-6 | Freeport | Vil. of Freeport | PS | 454-539 | M | 1932-62 | 38 | 8 | Sept. 27, 1949 | 3 | Jan. 15, 1952 | 1932-62 | 26 | 62.0 | Sept. 26, 1947 | Dec. 3, 1942 | |
| N57 | B-6 | do. | do. | C | 1092 | L | 1946-62 | 38 | 8 | Sept. 27, 1949 | 2 | Nov. 5, 1946 | 1946-62 | 29 | 63.7 | Feb. 5, 1946 | Dec. 3, 1942 | |
| N58 | B-6 | do. | do. | PS | 450-509 | M | 1940-62 | 32 | 8 | Oct. 21, 1953 | 2 | Nov. 5, 1946 | 1942-62 | 21 | 59.5 | Aug. 22, 1947 | May 11, 1962 | |
| N59 | B-6 | do. | do. | PS | 444-494 | M | 1942-62 | 34 | 8 | Oct. 21, 1953 | 2 | Nov. 5, 1946 | 1942-62 | 21 | 59.5 | Aug. 22, 1947 | May 11, 1962 | |
| N60 | C-6 | Rockville Centre | Vil. of Rockville Centre | PS | 542-604 | M | 1942-62 | 32 | 8 | Sept. 27, 1949 | 2 | Oct. 31, 1942 | 1942-62 | 23 | 59.5 | Nov. 14, 1950 | May 8, 1957 | |
| N72 | C-6 | Hempstead Gardens | West Hempstead-Hempstead | PS | 133-181 | M | 1943-62 | 10 | 15 | Sept. 8, 1959 | 8.2 | Mar. 23, 1943 | 1962 | 1 | 55.0 | Sept. 8, 1952 | Apr. 9, 1945 | |
| N75 | C-6 | do. | Gardens WD | PS | 145-195 | M | 1943-61 | 10 | 9.6 | May 8, 1952 | 5.8 | Mar. 23, 1943 | -- | -- | -- | -- | -- | -- |
| N76 | C-6 | do. | do. | PS | 145-195 | M | 1943-61 | 10 | 9.6 | May 8, 1952 | 5.8 | Mar. 23, 1943 | -- | -- | -- | -- | -- | -- |
| N78 | C-6 | Hempstead | Vil. of Hempstead | PS | 319-374 | M | 1943-54 | 5 | 7.1 | June 30, 1952 | 5.2 | July 23, 1943 | -- | -- | -- | -- | -- | -- |
| N79 | C-6 | do. | do. | PS | 338-418 | M | 1935-62 | 12 | 10 | July 15, 1952 | 3.9 | Feb. 26, 1953 | 1962 | 1 | 53.5 | May 23, 1962 | -- | -- |
| N80 | C-6 | do. | do. | PS | 429-480 | M | 1952-62 | 8 | 9.5 | July 15, 1952 | 4.8 | Nov. 5, 1953 | 1962 | 1 | 55.1 | May 23, 1962 | -- | -- |
| N81 | C-6 | do. | do. | PS | 360-412 | M | 1935-62 | 10 | 6.8 | Dec. 19, 1957 | 3.9 | Feb. 26, 1953 | -- | -- | -- | -- | -- | -- |
| N82 | C-6 | do. | do. | PS | 534 | M | 1952-62 | 9 | 7.4 | May 4, 1953 | 5.4 | Apr. 21, 1953 | -- | -- | -- | -- | -- | -- |
| N83 | C-6 | do. | do. | PS | 261-321 | M | 1952-62 | 7 | 9.4 | May 4, 1953 | 6.6 | Nov. 5, 1953 | -- | -- | -- | -- | -- | -- |
| N87 | C-6 | Garden City | Douglas Doran & Co., Inc. | Ind | 742-782 | L | 1937-47 | 18 | 6 | Apr. 15, 1941 | 3 | Jan. 18, 1938 | 1938-47 | 7 | 61.7 | Jan. 6, 1939 | -- | -- |
| N91 | C-6 | do. | Vil. of Garden City | PS | 44-77 | UP | 1943-61 | 6 | 55 | Aug. 26, 1959 | 12 | July 21, 1943 | 1962 | 1 | 58.2 | May 22, 1962 | -- | -- |
| N93 | C-6 | do. | do. | PS | 322-372 | M | 1943-59 | 8 | 24 | Mar. 21, 1955 | 9.6 | July 27, 1943 | -- | -- | -- | -- | -- | -- |
| N94 | C-6 | do. | do. | PS | 474-534 | M | 1943-56 | 7 | 25 | Oct. 6, 1955 | 5.0 | Apr. 14, 1953 | 1962 | 1 | 54.4 | May 22, 1962 | -- | -- |
| N95 | C-6 | do. | do. | PS | 310-369 | M | 1952-62 | 10 | 10 | Oct. 3, 1957 | 4.0 | Oct. 15, 1957 | 1962 | 1 | 55.6 | May 22, 1962 | -- | -- |
| N97 | C-6 | Mineola | Vil. of Mineola | PS | 308-366 | M | 1942-62 | 9 | 7.2 | Oct. 7, 1957 | 6.0 | Oct. 15, 1957 | -- | -- | -- | -- | -- | -- |
| N98 | C-6 | do. | do. | PS | 308-366 | M | 1942-62 | 10 | 8.2 | July 31, 1952 | 6.0 | Oct. 7, 1957 | -- | -- | -- | -- | -- | -- |
| N101 | D-6 | Westbury | Westbury WD | PS | 288-328 | M | 1943-61 | 10 | 10 | June 15, 1960 | 4.4 | July 24, 1952 | 1962 | 1 | 54.3 | May 28, 1962 | -- | -- |
| N104 | D-6 | Williston Park | Vil. of Williston Park | PS | 212-239 | M | 1943-62 | 6 | 7.2 | Oct. 31, 1957 | 4.4 | Jan. 31, 1943 | 1962 | 1 | 54.2 | May 28, 1962 | -- | -- |
| N104 | D-6 | do. | do. | PS | 326-376 | M | 1935-60 | 6 | 7.6 | Oct. 31, 1957 | 3.9 | Feb. 26, 1953 | -- | -- | -- | -- | -- | -- |

1/ Highest reliable concentration given, history of leaky casing.

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Well | Map coordinates | Locality | Owner | Use | Screened depth (feet) | Geologic source | Chloride concentration | | | | Water temperature | | | |
|------|-----------------|------------------------|---|--------|-----------------------|-----------------|--------------------------|----------------|-------------------|--------------------------------|--------------------------|----------------|-------------------|----------------|
| | | | | | | | Period of record (years) | No. of samples | Highest of record | | Period of record (years) | No. of samples | Highest of record | |
| | | | | | | | | | Chloride (ppm) | Date | | | Temperature (°F) | Date |
| N105 | D-6 | Old Westbury | Vil. of Old Westbury | PS | 412-452 | M | 1943-62 | 8 | 6.0 | Oct. 16, 1957 | --- | --- | --- | --- |
| N107 | D-6 | do. | do. | PS | 455-495 | M | 1935-62 | 5 | 5.4 | Oct. 16, 1957 | --- | --- | --- | --- |
| N109 | D-6 | Glenwood Landing | Jericho WD | U | 432-442; 464-524 | L | 1935-47 | 15 | 3.9 | Apr. 15, 1941 | 1938-47 | 8 | 57.2 | June 23, 1938 |
| N111 | D-6 | do. | Long Island Lighting Co. | Ind | 382-402 | L | 1937-47 | 21 | 8 | Oct. 27, 1942 | 1939 | 2 | 55.5 | Jan. 4, 1939 |
| N113 | E-6 | Locust Valley | Paul G. Penneyer | D | 441-456 | L | 1937-53 | 23 | 7 | Sept. 12, 1946 | 1939 | 1 | 55.0 | June 20, 1939 |
| N115 | E-6 | do. | Locust Valley WD | PS | 340-407 | J | 1932-62 | 2 | 7.2 | Aug. 3, 1960 | 1932-62 | 2 | 53.0 | Nov. 22, 1932 |
| N116 | E-6 | do. | do. | PS | 118-168 | M | 1938-39 | 2 | 7 | Nov. 23, 1938 | --- | --- | --- | --- |
| N117 | E-6 | do. | do. | PS | 143-155 | M | 1932 | 1 | 7 | Nov. 22, 1932 | --- | --- | --- | --- |
| N118 | E-6 | do. | do. | PS | 412-471 | L | 1932-60 | 4 | 8 | Aug. 22, 1957 | 1932-62 | 2 | 56.6 | June 29, 1932 |
| N119 | E-6 | do. | do. | PS | 497-571 | L | 1938-60 | 10 | 11 | July 21, 1954 | --- | --- | --- | --- |
| N121 | E-6 | Lattingtown | Creek Club | Irr | 149-171; 187-207 | M | 1937-46 | 16 | 10 | Sept. 17, 1946 | 1938 | 1 | 54.6 | Oct. 27, 1938 |
| N123 | E-6 | do. | George F. Baker, Jr. | D, Irr | 304 | L | 1937-52 | 23 | 10 | Apr. 14, 1941 | --- | --- | --- | --- |
| N124 | E-6 | do. | Creek Club | Ind | 390 | L | 1938-52 | 12 | 16 | Nov. 14, 1941 | 1938-41 | 6 | 55.1 | Sept. 25, 1940 |
| N128 | B-7 | Jones Beach State Park | Long Island State Park Comm. | G | 886-926 | M | 1932-60 | 17 | 12 | Sept. 9, 1959 | 1933-56 | 3 | 62.9 | June 7, 1956 |
| N129 | B-7 | Great Island | Formerly NYCBMS | PS | 889-939 | M | 1935-60 | 18 | 12 | Sept. 9, 1959 | 1938-53 | 2 | 62.5 | Nov. 10, 1953 |
| N131 | B-7 | Freeport | Vil. of Freeport | PS | 68 | up | about 1910 | 1 | 3.5 | about 1910 | 1942-53 | 18 | 57.7 | Aug. 22, 1947 |
| N132 | B-7 | do. | do. | PS | 473-523 | M | 1935-55 | 23 | 7 | Dec. 5, 1949 | --- | --- | --- | --- |
| N133 | B-7 | do. | do. | PS | 466-507 | M | 1940-62 | 33 | 7 | July 18, 1950 | 1942-62 | 19 | 56.6 | July 10, 1958 |
| N134 | B-7 | do. | do. | PS | 471-511 | M | 1942-62 | 30 | 9 | Apr. 10, 1945 | 1942-62 | 23 | 59.9 | Aug. 22, 1947 |
| N138 | C-7 | Hicksville | do. | PS | 467-517 | M | 1942-62 | 34 | 9 | Dec. 31, 1942 | 1942-62 | 23 | 57.3 | May 11, 1962 |
| N149 | D-7 | do. | Hicksville WD | PS | 133-153 | M | 1931-52 | 5 | 15 | Jan. 8, 1952 | --- | --- | --- | --- |
| N150 | D-7 | do. | do. | PS | 127 | M | 1933-57 | 5 | 17 | Aug. 1, 1957 | --- | --- | --- | --- |
| N152 | D-7 | Old Westbury | Vil. of Old Westbury | PS | 122-144 | M | 1933-54 | 5 | 16 | Feb. 4, 1946 | --- | --- | --- | --- |
| N174 | E-7 | Mill Neck | Arthur B. Davis | D, Irr | 438-478 | M | 1935-62 | 8 | 6.2 | Oct. 16, 1957 | --- | --- | --- | --- |
| N176 | E-7 | Centra Island | Myron C. Taylor | D, Irr | 414-434 | L | 1946 | 1 | 20 | Sept. 5, 1946 | --- | --- | --- | --- |
| N177 | E-7 | do. | S. R. Outerbridge | D, Irr | 397 | L | 1938-44 | 19 | 12 | Nov. 10, 1944 | 1938-42 | 11 | 55.0 | Apr. 14, 1941 |
| N180 | C-8 | Seaford | Thurston Smith | PS | 356 | L | 1946-52 | 2 | 3.8 | Feb. 29, 1952 | --- | --- | --- | --- |
| N199 | D-8 | Syosset | NYCBMS&E | PS | 762 | M | 1932-61 | 5 | 4.6 | Dec. 15, 1941 | 1962 | 1 | 54.6 | Aug. 2, 1962 |
| N204 | E-7 | Oyster Bay | Jericho WD | PS | 567-617 | M | 1950-62 | 8 | 5.4 | July 11, 1957 | 1960-62 | 2 | 53.1 | July 23, 1962 |
| N204 | E-7 | Centra Island | Oyster Bay WD | PS | 544-600 | M | 1932-53 | 25 | 10 | Feb. 21, 1962 | 1932-41 | 9 | 52.3 | Nov. 22, 1932 |
| N232 | B-5 | Hewlett | Vil. of Centra Island Formerly Queens County Water Co. | D, Irr | --- | J | 1937-52 | 25 | 9 | Aug. 26, 1946 | 1938-40 | 7 | 56.2 | June 20, 1939 |
| N236 | B-5 | do. | do. | PS | 155 | J | 1902 | 1 | 4.1 | Sept. 17, 1902 | --- | --- | --- | --- |
| N319 | B-6 | Lynbrook | do. | PS | 504 | M | 1903 | 1 | 3.0 | Feb. 25, 1903 | --- | --- | --- | --- |
| N321 | B-6 | East Rockaway | Formerly Long Beach Association | PS | 270 | M | about 1903 | 1 | 159 | about 1903 | --- | --- | --- | --- |
| N420 | E-6 | Garden City | do. | PS | 383-386 | up | about 1906 | 1 | 29 | about 1906 | --- | --- | --- | --- |
| N423 | E-6 | Lantingtown | Vil. of Garden City | PS | --- | up | 1952-53 | 2 | 22 | Sept. 12, 1955 | --- | --- | --- | --- |
| N433 | E-7 | do. | W. D. Guthrie | D | 260-340 | L | 1946 | 1 | 9 | Aug. 13, 1946 | --- | --- | --- | --- |
| N437 | E-7 | Freeport | do. | D | 260-265 | M | about 1906 | 1 | 7.6 | about 1906 | --- | --- | --- | --- |
| N490 | E-7 | Oyster Bay | T. Underhill | D | 37 | up | about 1895 | 1 | 110 | about 1895 | --- | --- | --- | --- |
| N491 | E-7 | do. | O. L. Jones | D | 165 | up | about 1906 | 2 | 7.6 | about 1906 | about 1906 | 1 | 59.0 | about 1906 |
| N492 | E-7 | do. | Mohannes' Casino | A | 220 | up | about 1906 | 1 | 4.2 | about 1906 | --- | --- | --- | --- |
| N493 | E-7 | do. | T. Underhill | D | 99 | up | about 1906 | 1 | 7.9 | about 1906 | --- | --- | --- | --- |
| N494 | E-7 | do. | Mr. Lee | D | 107 | up | about 1906 | 1 | 6.2 | about 1906 | --- | --- | --- | --- |
| N495 | E-7 | do. | Mr. Burgess | D | 200 | up | about 1906 | 1 | 3.9 | about 1906 | --- | --- | --- | --- |
| N496 | E-7 | do. | William Trotter | D | 156 | M | about 1906 | 1 | 4.8 | about 1906 | --- | --- | --- | --- |
| N497 | E-7 | do. | H. Gallardo | D | 90 | up | about 1906 | 1 | 6.2 | about 1906 | --- | --- | --- | --- |
| N501 | E-7 | Centra Island | do. | D | 259 | M | about 1906 | 1 | 6.0 | about 1906 | --- | --- | --- | --- |
| N502 | E-7 | do. | Steen Estey | D | --- | L | 1946-52 | 3 | 10 | Aug. 22, 1946 | --- | --- | --- | --- |
| N507 | E-7 | Bayville | G. W. Fletcher | D | 270 | L | 1946-50 | 2 | 10 | Aug. 22, 1946 | --- | --- | --- | --- |
| N511 | E-7 | Mill Neck | Dr. G. L. Jones Irving Cox | A D | 300-318 300-330 | L | 1946-51 1948-61 | 1 2 | 3.2 3.8 | Feb. 27, 1952 Apr. 21, 1948 | --- | --- | --- | --- |

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Well | Map coordi- nates | Locality | Owner | Use | Screened depth (feet) | Geologic source | Chloride concentration | | | | Water temperature | | | | | | | |
|-------|----------------------|-----------------|--------------------------------------|-----|-----------------------------|--------------------|-----------------------------------|-------------------|-------------------|-------|-------------------|---------|-----------------------------------|-------------------|--------------------------|------|--------------------------|------|
| | | | | | | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | |
| | | | | | | | | | Chloride (ppm) | Date | Chloride (ppm) | Date | | | Temper- ature (°F) | Date | Temper- ature (°F) | Date |
| N1274 | C-7 | Wantagh | NODPW | 0 | 45 | UP | 49 | 12 | Dec. 15, 1953 | 2 | Dec. 7, 1945 | 1942-62 | 59 | 59.0 | Oct. 12, 1955 | 46.0 | Nov. 27, 1942 | |
| N1275 | B-7 | do. | do. | 0 | 13 | UP | 80 | 33 | Feb. 20, 1951 | 2 | Apr. 1, 1940 | 1939-62 | 90 | 67.2 | Oct. 12, 1955 | 42.4 | Mar. 1, 1945 | |
| N1276 | B-7 | do. | do. | 0 | 44 | UP | 50 | 1,450 | Nov. 1, 1939 | 300 | May 7, 1962 | 1939-62 | 59 | 60.4 | Oct. 12, 1955 | 50.0 | Mar. 31, 1942 | |
| N1277 | B-7 | do. | do. | 0 | 71 | UP | 46 | 12 | Dec. 1, 1953 | 2 | Mar. 21, 1946 | 1942-62 | 59 | 58.1 | June 15, 1949 | 50.6 | Apr. 6, 1942 | |
| N1278 | B-8 | Messapequa | do. | 0 | 45 | UP | 80 | 32 | Mar. 1, 1945 | 2 | Dec. 7, 1945 | 1939-62 | 91 | 55.0 | Sept. 11, 1957 | 46.3 | Mar. 31, 1941 | |
| N1279 | B-8 | do. | do. | 0 | 45 | UP | 80 | 15 | Jan. 27, 1943 | 2 | Dec. 7, 1945 | 1939-62 | 90 | 58.9 | Oct. 11, 1957 | 51.2 | Mar. 31, 1941 | |
| N1280 | C-8 | do. | do. | 0 | 14 | UP | 70 | 18 | June 6, 1944 | 2 | Dec. 7, 1945 | 1940-54 | 80 | 59.2 | Oct. 12, 1955 | 49.7 | Mar. 31, 1941 | |
| N1281 | C-8 | do. | do. | 0 | 46 | UP | 75 | 17 | Dec. 6, 1944 | 2 | Dec. 7, 1945 | 1939-62 | 85 | 58.0 | Oct. 12, 1955 | 49.5 | Feb. 27, 1942 | |
| N1282 | B-7 | Wantagh | do. | 0 | 20 | UP | 73 | 8,180 | Sept. 5, 1952 | 4,180 | Dec. 19, 1946 | 1939-62 | 77 | 57.8 | Sept. 21, 1944 | 50.4 | July 1, 1940 | |
| N1283 | B-7 | do. | do. | 0 | 39 | UP | 73 | 9,210 | Apr. 16, 1953 | 4,570 | May 20, 1947 | 1939-54 | 78 | 56.9 | Sept. 4, 1944 | 51.8 | Jan. 27, 1943 | |
| N1284 | B-7 | do. | do. | 0 | 76 | UP | 47 | 13 | Jan. 27, 1943 | 4 | Mar. 21, 1946 | 1942-54 | 53 | 58.7 | Aug. 28, 1947 | 52.6 | Jan. 27, 1943 | |
| N1285 | B-7 | do. | do. | 0 | 19 | UP | 80 | 37 | Jan. 3, 1950 | 4 | Dec. 19, 1946 | 1939-57 | 82 | 58.7 | Oct. 12, 1955 | 47.4 | Mar. 31, 1941 | |
| N1286 | B-7 | do. | do. | 0 | 35 | UP | 48 | 10 | Dec. 6, 1944 | 2 | Dec. 19, 1946 | 1939-57 | 83 | 59.2 | Oct. 12, 1955 | 50.3 | Mar. 21, 1946 | |
| N1287 | B-7 | do. | do. | 0 | 19 | UP | 48 | 32 | Mar. 18, 1948 | 2 | Dec. 7, 1945 | 1942-57 | 55 | 62.0 | Oct. 10, 1956 | 50.3 | Apr. 4, 1950 | |
| N1288 | B-7 | do. | do. | 0 | 33 | UP | 76 | 32 | July 7, 1954 | 4 | June 5, 1946 | 1939-54 | 51 | 62.2 | Oct. 7, 1953 | 48.0 | Mar. 1, 1945 | |
| N1289 | B-7 | do. | do. | 0 | 33 | UP | 48 | 9 | Dec. 16, 1947 | 2 | Mar. 21, 1946 | 1939-54 | 53 | 58.8 | Sept. 10, 1948 | 50.0 | Mar. 17, 1948 | |
| N1290 | B-7 | do. | do. | 0 | 52 | UP | 46 | 8.5 | Dec. 15, 1947 | 2 | Aug. 21, 1946 | 1942-54 | 50 | 58.5 | Sept. 5, 1952 | 50.2 | Mar. 1, 1945 | |
| N1291 | D-5 | Port Washington | Beacon Theater | C | 376-401 | L | 3 | 30 | July 13, 1948 | 8.0 | Aug. 12, 1957 | 1932 | -- | -- | -- | -- | -- | |
| N1298 | D-5 | Great Neck | Cit. WSC | PS | 286-336 | L | 1 | 9 | June 21, 1946 | 4.9 | June 6, 1952 | 1952 | 1 | 52.0 | Nov. 22, 1932 | -- | -- | |
| N1302 | B-7 | Merrick | NYCS&GE | A | 692-743 | -- | 1 | 56 | July 10, 1945 | -- | -- | 1945 | -- | -- | -- | -- | -- | |
| N1328 | D-5 | Manhasset | Manhasset-Lakeville WD | PS | 178-198 | L | 8 | 5.2 | July 10, 1952 | 3.4 | July 1, 1948 | 1950-62 | 3 | 59.1 | May 29, 1962 | 58.7 | May 16, 1950 | |
| N1332 | D-5 | Lake Success | Glen Oaks Golf Club | G | 175-196 | M | 2 | 13 | Sept. 11, 1941 | 10 | Aug. 9, 1955 | 1941-47 | 2 | 52.7 | Aug. 20, 1947 | 52.4 | Sept. 11, 1941 | |
| N1379 | B-5 | Woodmere | Mill Road Pumping Station | PS | -- | M | 38 | 7 | Apr. 11, 1953 | 2 | May 7, 1956 | -- | -- | -- | -- | -- | -- | |
| N1382 | B-5 | Woodmere | Long Island Water Corp. | 0 | 172-192 | J | 3 | 8 | Aug. 4, 1958 | 5 | May 26, 1958 | 1958 | -- | -- | -- | -- | -- | |
| N1420 | C-6 | Garden City | Vill. of Garden City | PS | 790-865 | L | 2 | 4 | May 16, 1950 | 2 | June 1, 1940 | 1940 | -- | -- | -- | -- | -- | |
| N1421 | B-5 | Cedarhurst | NODPW | 0 | 36 | UP | 1 | 28 | Nov. 6, 1953 | -- | -- | 1953 | 1 | 60.8 | Nov. 6, 1953 | -- | -- | |
| N1422 | B-5 | Lawrence | do. | 0 | 29 | UP | 2 | 18 | Nov. 6, 1953 | -- | -- | 1953 | 1 | 60.8 | Nov. 6, 1953 | -- | -- | |
| N1482 | E-5 | Port Washington | do. | 0 | -- | P | 5 | 65 | Jan. 25, 1946 | 44 | Dec. 20, 1956 | -- | -- | -- | -- | -- | -- | |
| N1483 | E-5 | do. | do. | 0 | -- | P | 5 | 5,470 | Apr. 2, 1956 | 55 | Jan. 25, 1956 | -- | -- | -- | -- | -- | -- | |
| N1484 | E-5 | do. | do. | 0 | -- | P | 6 | 145 | Mar. 8, 1946 | 88 | July 7, 1947 | 1955-56 | 2 | 56.1 | July 7, 1955 | 56.0 | Apr. 2, 1956 | |
| N1602 | C-6 | Lakeview | Long Island Water Corp. | PS | 446-486 | M | 6 | 7.0 | June 10, 1959 | 3.4 | Aug. 12, 1947 | 1959-62 | 2 | 56.2 | June 18, 1962 | 55.9 | July 18, 1962 | |
| N1618 | D-5 | Lake Success | do. | PS | 484-529 | M | 8 | 6.0 | Jan. 10, 1952 | 3.8 | Apr. 21, 1953 | 1962 | 2 | 58.6 | May 29, 1962 | -- | -- | |
| N1619 | C-6 | Valley Stream | Manhasset-Lakeville WD | PS | 470-550 | L | 4 | 5 | Oct. 27, 1942 | 3.6 | Jan. 17, 1949 | 1957-62 | 2 | 58.6 | May 29, 1962 | -- | -- | |
| N1625 | C-5 | do. | NODPW | 0 | 37 | UP | 1 | 36 | Nov. 9, 1953 | -- | -- | 1953 | 1 | 55.8 | Nov. 9, 1953 | -- | -- | |
| N1626 | C-5 | do. | do. | 0 | 24 | UP | 1 | 32 | Nov. 30, 1951 | 16 | July 30, 1951 | 1953-55 | 2 | 59.6 | Nov. 9, 1953 | 56.4 | July 19, 1955 | |
| N1627 | B-5 | do. | do. | 0 | 19 | UP | 6 | 36 | June 3, 1951 | 22 | Mar. 2, 1951 | 1953-55 | 2 | 60.1 | Nov. 9, 1953 | 59.4 | July 22, 1955 | |
| N1628 | B-5 | Woodmere | Locust Valley WD | 0 | 385-465 | L | 7 | 32 | May 5, 1951 | 22 | July 11, 1955 | 1953-55 | 2 | 60.1 | Nov. 9, 1953 | 59.4 | July 22, 1955 | |
| N1651 | E-6 | Locust Valley | Locust Valley | PS | 20-23 | UP | 6 | 8.2 | Aug. 12, 1957 | 6.0 | July 11, 1955 | 1960 | 1 | 58.9 | Aug. 15, 1960 | -- | -- | |
| N1653 | C-6 | Hempstead | Hempstead Tea Shop | C | 61-87 | UP | 1 | 6 | Apr. 13, 1943 | -- | -- | -- | -- | -- | -- | -- | -- | |
| N1658 | C-8 | Bethpage | Gruman Aircraft Engineering Corp. | Ind | 61-87 | M | 4 | 18 | Aug. 25, 1944 | 15 | Jan. 9, 1962 | 1943 | 2 | 58.1 | July 13, 1943 | 57.8 | May 10, 1943 | |
| N1655 | C-8 | do. | do. | Ind | 68-101 | M | 6 | 17 | Oct. 16, 1946 | 11 | Mar. 20, 1945 | 1943 | 2 | 51.3 | July 13, 1943 | 51.1 | May 10, 1943 | |
| N1666 | C-8 | do. | do. | Ind | 74-99 | M | 3 | 17 | Oct. 14, 1946 | 15 | Oct. 31, 1944 | 1943 | 2 | 51.4 | May 10, 1943 | -- | -- | |
| N1667 | D-6 | Westbury | Westbury WD | PS | 207-237 | M | 9 | 16 | July 20, 1961 | 3.8 | Oct. 26, 1957 | 1943 | 2 | 60.0 | Oct. 1, 1953 | 58.0 | Aug. 22, 1958 | |
| N1696 | C-6 | Mitchel Field | NODPW | PS | 438-468 | M | 7 | 6.9 | Oct. 1, 1953 | 5.8 | Feb. 2, 1962 | 1953-60 | 6 | 56.4 | May 22, 1962 | 54.4 | May 31, 1962 | |
| N1697 | C-6 | Garden City | Vill. of Garden City | PS | 478-518 | M | 13 | 7.0 | Nov. 23, 1957 | 1 | June 19, 1941 | 1962 | 1 | 54.7 | Sept. 14, 1956 | 54.4 | Sept. 14, 1956 | |
| N1715 | D-5 | Port Washington | Port Washington WD | PS | 430-480 | L | 30 | 10 | Oct. 13, 1958 | 3.0 | June 20, 1958 | 1956-62 | 2 | 54.2 | May 31, 1962 | 53.7 | May 31, 1962 | |
| N1716 | D-5 | do. | do. | PS | 425-475 | L | 34 | 11 | Sept. 1, 1959 | 4 | Mar. 24, 1945 | 1956-62 | 3 | 54.2 | May 31, 1962 | 53.7 | May 31, 1962 | |
| N1771 | D-5 | Manhasset | Strathmore Realty Co. | Dif | 130-160 | UP | 3 | 17 | Jan. 23, 1962 | 11 | Aug. 25, 1944 | 1943 | 2 | 63.0 | July 13, 1943 | 58.3 | May 10, 1943 | |
| N1797 | D-8 | Bethpage | Gruman Aircraft Engineering Corp. | Ind | 74-94 | M | 3 | 17 | Jan. 23, 1962 | 11 | Aug. 25, 1944 | 1943 | 2 | 63.0 | July 13, 1943 | 58.3 | May 10, 1943 | |
| N1798 | D-8 | do. | do. | C | 80-105 | M | 3 | 26 | Oct. 14, 1946 | 10 | July 25, 1944 | 1943 | 2 | 53.3 | July 13, 1943 | 51.9 | May 10, 1943 | |
| N1802 | D-5 | Lake Success | Sperry Gyroscope Co. | PS | 611-691 | L | 11 | 9 | Oct. 1, 1950 | 4.0 | Aug. 20, 1947 | 1943 | 2 | 53.3 | July 13, 1943 | 51.9 | May 10, 1943 | |
| N1818 | D-5 | do. | do. | Ind | 199-229 | M | 7 | 7.8 | Apr. 7, 1960 | 3.4 | Aug. 20, 1947 | 1962 | 1 | 59.4 | May 29, 1962 | -- | -- | |
| N1859 | D-8 | Bethpage | Gruman Aircraft Engineering Corp. | C | 128-164 | M | 2 | 19 | Jan. 23, 1962 | 3.8 | July 25, 1944 | 1943 | 2 | 50.8 | May 10, 1943 | -- | -- | |
| N1877 | D-6 | Roslyn | Engineering Corp. | PS | 547-555 | L | 24 | 10 | Mar. 26, 1945 | 4.8 | July 1, 1948 | 1938-51 | 14 | 56.5 | Mar. 26, 1945 | 52.5 | Jan. 5, 1940 | |
| N1879 | D-5 | Great Neck | Cit. WSC | PS | 464 | -- | 1 | 6.6 | Jan. 15, 1947 | -- | -- | -- | -- | -- | -- | -- | -- | |
| N1911 | D-8 | Bethpage | Gruman Aircraft Engineering Corp. | G | 133-163 | M | 2 | 13 | Jan. 23, 1962 | 9.6 | July 25, 1944 | -- | -- | -- | -- | -- | -- | |

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Well | Map coordi- nates | Locality | Owner | Use | Screened depth (feet) | Geologic source | Chloride concentration | | | | Water temperature | | | | | | | |
|-------|----------------------|-------------------|--|------|-----------------------------|--------------------|-----------------------------------|-------------------|-------------------|----------------|-------------------|----------------|-----------------------------------|-------------------|--------------------------|----------------|--------------------------|----------------|
| | | | | | | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | |
| | | | | | | | | | Chloride (ppm) | Date | Chloride (ppm) | Date | | | Temper- ature (°F) | Date | Temper- ature (°F) | Date |
| N1912 | D-8 | Bethpage | Gruman Aircraft Engineering Corp. | C | 119-149 | M | 1944-62 | 4 | 11 | Jan. 23, 1962 | 5.6 | Oct. 14, 1946 | 1943 | 2 | 51.5 | July 13, 1943 | 51.1 | May 10, 1943 |
| N1913 | D-8 | do. | do. | -- | 315 | M | 1944-46 | 2 | 6.6 | Oct. 14, 1946 | 6.2 | July 25, 1944 | -- | -- | -- | -- | -- | -- |
| N1917 | E-6 | Glen Cove | Wah Chang Trading Corp. | -- | 296-306 | L | 1945-57 | 5 | 6 | Oct. 24, 1957 | 4.0 | Oct. 10, 1945 | -- | -- | -- | -- | -- | -- |
| N1922 | D-8 | Bethpage | Gruman Aircraft Engineering Corp. | Ind | 119-151 | M | 1962 | 1 | 8.2 | Jan. 23, 1962 | -- | -- | -- | -- | -- | -- | -- | -- |
| N1923 | C-8 | do. | do. | G | 293-349 | M | 1943-62 | 3 | 4.4 | Jan. 9, 1962 | 3.2 | Oct. 20, 1943 | -- | -- | -- | -- | -- | -- |
| N1926 | D-4 | Kings Point | U.S. Merchant Marine Academy | G | 286-278 | L | 1948-57 | 3 | 13 | Oct. 18, 1957 | 5.8 | Aug. 7, 1953 | 1957 | 1 | 55.0 | Oct. 18, 1957 | -- | -- |
| N1927 | B-6 | Long Beach | City of Long Beach | PS | 1199-1219 | L | 1943-60 | 43 | 8.4 | Sept. 2, 1943 | 2 | Dec. 6, 1945 | 1944-59 | 29 | 69.4 | June 1, 1951 | 67.0 | Dec. 13, 1949 |
| N1937 | C-8 | Farmingdale | Vill. of Farmingdale | PS | 116-155 | M | 1952-62 | 8 | 11 | Aug. 2, 1954 | 6.4 | July 29, 1957 | 1962 | 2 | 52.1 | July 18, 1962 | 51.4 | Feb. 21, 1962 |
| N1958 | C-5 | New Hyde Park | Jam. WSC | PS | 667-727 | L | 1945-62 | 7 | 10 | Oct. 23, 1961 | 3.8 | Oct. 23, 1961 | 1962 | 1 | 59.8 | May 22, 1962 | -- | -- |
| N1960 | C-7 | Bethpage | Gruman Aircraft Engineering Corp. | D, C | 130-160 | M | 1944-62 | 3 | 12 | Jan. 9, 1962 | 6.6 | Aug. 25, 1944 | -- | -- | -- | -- | -- | -- |
| N1961 | D-8 | do. | do. | Ind | 213-263 | M | 1962 | 1 | 8.2 | Jan. 23, 1962 | -- | -- | -- | -- | -- | -- | -- | -- |
| N1963 | D-7 | do. | do. | Ind | 97-127 | M | 1962 | 1 | 14 | Jan. 9, 1962 | -- | -- | -- | -- | -- | -- | -- | -- |
| N1965 | C-8 | Farmingdale | Liberty Aircraft Products Corp. | Ind | 143-169 | M | 1960-62 | 2 | 6.8 | June 2, 1960 | 6.0 | Feb. 5, 1962 | -- | -- | -- | -- | -- | -- |
| N2002 | D-6 | Glenwood Landing | Long Island Lighting Co. | Ind | 436-467 | L | 1946-57 | 7 | 10 | Sept. 4, 1946 | 4.8 | Apr. 16, 1948 | 1950-57 | 2 | 56.7 | May 16, 1950 | -- | -- |
| N2028 | D-5 | North Hills | Manhasset-Lakeville WD | PS | 425-485 | M | 1947-61 | 7 | 7.8 | May 1, 1956 | 4.4 | Apr. 1, 1947 | 1962 | 1 | 51.9 | May 29, 1962 | -- | -- |
| N2030 | D-5 | Port Washington | Port Washington WD | PS | 190-215 | M | 1945-61 | 26 | 16 | Sept. 1, 1959 | 11 | July 17, 1958 | 1956-62 | 3 | 56.7 | Sept. 14, 1956 | 52.2 | Apr. 30, 1957 |
| N2045 | B-7 | Freepoint | Nassau Boat Basin | D | 112-122 | M | 1961-62 | 2 | 7.5 | Aug. 7, 1962 | 6 | Mar. 23, 1961 | -- | -- | -- | -- | -- | -- |
| N2052 | D-6 | Port Washington | Port Washington WD | PS | 275-325 | M | 1947-61 | 26 | 11 | Jan. 10, 1958 | 4.2 | July 28, 1947 | -- | -- | -- | -- | -- | -- |
| N2066 | D-8 | Bethpage | Central Park WD | PS | 121-153 | M | 1946 | 1 | 9.4 | Dec. 16, 1946 | -- | -- | -- | -- | -- | -- | -- | -- |
| N2071 | E-6 | Glen Cove | Appleby Estate | -- | 262 | L | 1948-57 | 4 | 7.0 | Apr. 16, 1956 | 3.4 | Apr. 16, 1948 | 1950-57 | 3 | 55.8 | Apr. 16, 1956 | 55.6 | May 16, 1950 |
| N2072 | D-7 | Hicksville | Hicksville WD | PS | 138-159 | M | 1946-61 | 9 | 15 | Dec. 31, 1946 | 5.2 | Feb. 16, 1960 | 1962 | 1 | 52.8 | July 20, 1962 | -- | -- |
| N2115 | C-5 | Elmont | Jam. WSC | PS | 63-83 | up | 1952-59 | 3 | 17 | May 17, 1954 | 16 | July 8, 1952 | 1962 | 1 | 58.2 | May 22, 1962 | -- | -- |
| N2116 | E-6 | Dosoris Island | Junius Morgan | G | 220 | L | 1946 | 2 | 10 | July 25, 1946 | -- | -- | -- | -- | -- | -- | -- | -- |
| N2117 | E-6 | do. | do. | D | 226 | -- | 1946 | 1 | 10 | Aug. 8, 1946 | -- | -- | -- | -- | -- | -- | -- | -- |
| N2120 | E-6 | Glen Cove | A. M. Loew | -- | 438 | L | 1952 | 1 | 3.4 | Mar. 3, 1952 | -- | -- | -- | -- | -- | -- | -- | -- |
| N2214 | D-4 | Great Neck | Cit. WSC | PS | 236-286 | L | 1952-57 | 3 | 7.4 | Sept. 23, 1957 | 5.2 | June 26, 1952 | 1962 | 1 | 55.2 | July 27, 1962 | -- | -- |
| N2236 | D-7 | Westbury | Westbury WD | PS | 520-565 | M | 1952-61 | 9 | 8.8 | Oct. 28, 1957 | 3.6 | Nov. 9, 1961 | 1962 | 1 | 54.1 | May 28, 1962 | -- | -- |
| N2239 | C-6 | Hempstead Gardens | West Hempstead-Hempstead Gardens WD | PS | 138-178 | M | 1947-62 | 10 | 29 | June 24, 1952 | 11 | Mar. 31, 1953 | 1962 | 1 | 54.4 | July 17, 1962 | -- | -- |
| N2400 | D-6 | Roslyn | Roslyn WD | PS | 399-439 | M | 1960-62 | 2 | 6.6 | Jan. 4, 1962 | 6.0 | Feb. 18, 1960 | 1962 | 1 | 53.8 | May 31, 1962 | -- | -- |
| N2402 | C-7 | Hicksville | Levitt and Sons, Inc. | PS | 164-207 | M | 1952-61 | 12 | 17 | Mar. 12, 1957 | 12 | Jan. 21, 1952 | -- | -- | -- | -- | -- | -- |
| N2403 | C-7 | do. | do. | PS | 59-84 | up | 1948-61 | 13 | 25 | Oct. 9, 1951 | 15 | Aug. 24, 1959 | -- | -- | -- | -- | -- | -- |
| N2413 | C-5 | Elmont | Jam. WSC | PS | 478-508 | M | 1952-53 | 2 | 4.2 | July 8, 1952 | 3.8 | Sept. 16, 1953 | 1962 | 1 | 57.8 | May 22, 1962 | -- | -- |
| N2414 | C-5 | do. | do. | PS | 69-89 | up | 1952-55 | 4 | 15 | Sept. 16, 1953 | 13 | Mar. 10, 1952 | 1962 | 1 | 56.6 | May 16, 1962 | -- | -- |
| N2424 | D-6 | Glenwood Landing | Long Island Lighting Co. | Ind | 425-459 | L | 1949-50 | 2 | 9 | July 7, 1949 | 4.0 | May 16, 1950 | 1950 | 1 | 54.6 | May 16, 1950 | -- | -- |
| N2437 | D-6 | Williston Park | Vill. of Williston Park | PS | 298-338 | M | 1954-62 | 6 | 14 | Jan. 11, 1962 | 10 | July 19, 1954 | 1962 | 1 | 54.7 | May 28, 1962 | -- | -- |
| N2565 | C-6 | Garden City Park | Garden City Park WD | PS | 370-405 | M | 1952-62 | 6 | 12 | Feb. 20, 1956 | 11 | July 17, 1952 | 1962 | 1 | 53.4 | May 28, 1962 | -- | -- |
| N2578 | C-5 | Valley Stream | Long Island Water Corp. | PS | 56-88 | up | 1952-61 | 7 | 41 | Aug. 25, 1960 | 15 | May 1, 1952 | 1962 | 1 | 55.4 | July 18, 1962 | -- | -- |
| N2580 | C-7 | Levittown | Bethpage Realty Corp. | PS | 312-348 | M | 1952-61 | 9 | 5.2 | Nov. 9, 1954 | 3.4 | Oct. 27, 1952 | 1962 | 1 | 52.4 | July 17, 1962 | -- | -- |
| N2581 | C-7 | do. | do. | D | 55-81 | up | 1949-59 | 9 | 23 | Aug. 17, 1949 | 7 | Apr. 27, 1953 | 1948 | 1 | 51.0 | Apr. 20, 1948 | -- | -- |
| N2582 | C-7 | do. | do. | D, C | 52-79 | up | 1949 | 1 | 18 | Aug. 17, 1949 | -- | -- | -- | -- | -- | -- | -- | -- |
| N2597 | B-5 | Long Beach | City of Long Beach | PS | 1175-1235 | L | 1949-62 | 25 | 11 | Aug. 20, 1959 | 3.8 | Nov. 6, 1961 | 1949-62 | 15 | 69.9 | Sept. 11, 1952 | 68.8 | Sept. 21, 1949 |
| N2602 | D-7 | Westbury | Westbury WD | PS | 760-800 | L | 1952-62 | 11 | 9.5 | July 20, 1961 | 3.0 | Feb. 28, 1962 | 1957-62 | 3 | 59.8 | May 28, 1962 | 59.0 | Mar. 26, 1957 |
| N2603 | C-8 | Massapequa | NYSWD | PS | 35-71 | up | 1953-56 | 4 | 17 | July 2, 1956 | 7.4 | May 5, 1953 | 1962 | 1 | 53.5 | July 17, 1962 | -- | -- |
| N2632 | E-7 | Centre Island | A. Simpson | D | 111-113 | up | 1962 | 1 | 9 | Apr. 12, 1962 | -- | -- | -- | -- | -- | -- | -- | -- |
| N2747 | C-6 | Carle Place | Carle Place WD | PS | 278-328 | M | 1954-62 | 8 | 15 | Feb. 11, 1960 | 3.5 | Jan. 13, 1959 | 1962 | 1 | 53.5 | May 22, 1962 | -- | -- |
| N2790 | C-6 | do. | do. | PS | 276-326 | M | 1954-62 | 8 | 17 | Feb. 27, 1961 | 3.5 | Jan. 13, 1959 | 1962 | 1 | 53.6 | May 22, 1962 | -- | -- |
| N2791 | C-7 | Bay Park | USGS | O | 538-560 | M | 1950-62 | 53 | 12 | June 24, 1954 | 3 | June 16, 1960 | 1951-62 | 20 | 59.2 | Aug. 1, 1962 | 54.0 | June 10, 1954 |
| N2799 | B-6 | Levittown | Levitt and Sons, Inc. | PS | 59-90 | M | 1949 | 1 | 19 | Jan. 17, 1949 | -- | -- | -- | -- | -- | -- | -- | -- |
| N2921 | C-7 | Salisbury | Mr. Iversen | D | 115-121 | J | 1953 | 1 | 10 | Aug. 13, 1953 | -- | -- | -- | -- | -- | -- | -- | -- |
| N2923 | B-6 | Island Park | NCDPW | Ind | 80-112 | M | 1960 | 1 | 5 | Aug. 16, 1960 | -- | -- | -- | -- | -- | -- | -- | -- |
| N3078 | B-6 | Oceanside | Gulf Oil Corp. | Ind | 128-138 | M | 1961 | 3 | 55 | July 11, 1962 | 50 | Mar. 24, 1961 | -- | -- | -- | -- | -- | -- |
| N3142 | D-8 | Bethpage | Bethpage WD | U | 122-163 | M | 1952-57 | 4 | 15 | July 25, 1957 | 14 | Oct. 9, 1952 | -- | -- | -- | -- | -- | -- |
| N3147 | D-8 | do. | do. | U | 192-233 | M | 1952-57 | 4 | 9.0 | July 25, 1957 | 6.2 | Oct. 7, 1953 | -- | -- | -- | -- | -- | -- |
| N3185 | C-6 | Mineola | Vill. of Mineola | PS | 423-463 | M | 1949-62 | 10 | 21 | Jan. 3, 1962 | 8 | Jan. 15, 1952 | -- | -- | -- | -- | -- | -- |

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Map coordi- nates | Locality | Owner | Use | Screened depth (feet) | Geologic source | Chloride concentration | | | | Water temperature | | | | | |
|-------------------------|-------------------|-------------------------------------|-------|-----------------------------|--------------------|-----------------------------------|-------------------|-------------------|----------------|-------------------|-----------------------------------|-------------------|-------------------|------|------------------|
| | | | | | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | Period of record (years) | No. of samples | Highest of record | | Lowest of record |
| | | | | | | | | Chloride (ppm) | Date | | | | Chloride (ppm) | Date | |
| C-7 N3193 | Levittown do. | Levitt and Sons, Inc. | PS, G | 259-301 | M | 1949-58 | 6 | 12 | Nov. 4, 1957 | 5.0 | July 28, 1949 | -- | -- | | |
| C-7 N3194 | do. | do. | PS, G | 219-255 | M | 1949-61 | 12 | 8 | Jan. 21, 1952 | 3.0 | Apr. 17, 1953 | -- | -- | | |
| C-7 N3243 | Salisbury | County of Nassau | Ind | 248-298 | M | 1960-62 | 2 | 4.4 | Feb. 20, 1962 | 4.2 | Oct. 18, 1960 | -- | -- | | |
| B-5 N3246 | Lawrence | Will Curman | U | 116-120 | J | 1961-62 | 5 | 36 | Sept. 16, 1961 | 20 | Apr. 1, 1961 | -- | -- | | |
| D-6 N3311 | Port Washington | Colonial Sand and Stone Co., Inc. | Ind | 193-205 | M | 1956-57 | 3 | 45 | Oct. 1, 1957 | 8 | Apr. 6, 1956 | -- | -- | | |
| C-7 N3312 | Levittown do. | County Community Corp. | PS | 252-304 | M | 1952-62 | 9 | 8 | Feb. 21, 1962 | 4 | Jan. 21, 1952 | 52.5 | July 17, 1962 | | |
| C-7 N3313 | do. | do. | G | 64-95 | M | 1952-62 | 9 | 18 | Jan. 15, 1962 | 13 | Mar. 31, 1953 | 52.2 | Feb. 21, 1962 | | |
| B-6 N3314 | Lynbrook | New York Telephone Co. | Ind | 72-78 | up | 1952 | 1 | 22 | Sept. 30, 1952 | -- | -- | -- | -- | | |
| C-5 N3327 | Valley Stream | Long Island Water Corp. | PS | 387-438 | M | 1952-61 | 10 | 7 | Aug. 5, 1958 | 3 | Jan. 18, 1952 | -- | -- | | |
| C-8 N3355 | Plainview | UGS | T | 1070-1090 | L | 1951 | 1 | 4.5 | June 28, 1951 | -- | 1951-62 | -- | -- | | |
| D-5 N3427 | Wentagh | NWSD | PS | 126-161 | M | 1953-62 | 5 | 5.6 | June 28, 1962 | 4.6 | June 21, 1954 | 57.9 | Mar. 21, 1962 | | |
| D-5 N3443 | Great Neck | Cit. WSC | PS | 423-463 | L | 1952-62 | 5 | 10 | Mar. 24, 1960 | 6.2 | June 20, 1951 | 52.7 | July 17, 1962 | | |
| B-5 N3448 | Long Beach | City of Long Beach | PS | 1193-1233 | L | 1950-62 | 16 | 10 | May 17, 1950 | 8 | June 1, 1951 | 53.9 | July 27, 1962 | | |
| C-7 N3456 | East Meadow | East Meadow WD | PS | 280-320 | M | 1952-61 | 9 | 17 | Mar. 1, 1961 | 6.2 | Apr. 28, 1952 | 66.7 | Sept. 11, 1952 | | |
| C-7 N3457 | do. | do. | PS | 280-320 | M | 1952-61 | 7 | 5.4 | Nov. 6, 1957 | 4.0 | Mar. 23, 1953 | -- | -- | | |
| C-7 N3458 | Port Washington | Penn. Stevedoring Corp. | Ind | 36-50 | M | 1954-57 | 4 | 800 | Oct. 7, 1957 | 273 | Nov. 29, 1954 | 65.6 | Sept. 14, 1962 | | |
| E-5 N3463 | Wentagh | NWSD | PS | 247-303 | M | 1952-62 | 8 | 16 | Feb. 24, 1962 | 3.8 | Apr. 10, 1952 | 52.8 | July 17, 1962 | | |
| C-7 N3465 | East Meadow | East Meadow WD | PS | 275-315 | M | 1952-61 | 7 | 7 | Apr. 2, 1958 | 3.6 | Apr. 28, 1952 | 53.8 | July 17, 1962 | | |
| C-7 N3474 | Wheatley | Jericho WD | PS | 452-512 | M | 1952-61 | 7 | 5.8 | July 15, 1957 | 4.0 | Mar. 16, 1954 | 53.8 | July 23, 1962 | | |
| D-7 N3475 | do. | do. | PS | 432-482 | M | 1952-61 | 7 | 8 | Feb. 21, 1962 | 4.6 | Mar. 18, 1954 | 54.5 | Feb. 21, 1962 | | |
| E-7 N3486 | Oyster Bay | Oyster Bay WD | PS | 72-105 | up | 1954-61 | 3 | 6.4 | June 20, 1960 | 5.4 | Nov. 30, 1961 | 52.7 | July 23, 1962 | | |
| C-7 N3488 | Hicksville | Hicksville WD | PS | 115-168 | M | 1950-62 | 10 | 26 | Aug. 31, 1960 | 16 | July 3, 1950 | 54.4 | July 20, 1962 | | |
| B-8 N3498 | Tobay Beach | Long Island Water Corp. | PS | 318-338 | M | 1956 | 1 | 11 | July 10, 1956 | -- | -- | 54.0 | Feb. 21, 1962 | | |
| C-6 N3520 | Lakeview | Town of Oyster Bay | PS | 125-170 | M | -- | 8 | -- | -- | -- | -- | -- | -- | | |
| D-5 N3523 | Munsey Park | Long Island Water Corp. | PS | 290-320 | up | 1951-61 | 4 | 8.0 | Apr. 7, 1960 | 5.6 | Aug. 16, 1951 | -- | -- | | |
| B-6 N3529 | Plandome | Manhasset-Lakeville WD | PS | 93-104 | up | 1956-61 | 7 | 3,900 | July 1, 1962 | 3,200 | Aug. 28, 1961 | -- | -- | | |
| D-5 N3540 | Hicksville | Lido Theater | PS | 155-207 | P | 1952-62 | 4 | 15 | Apr. 31, 1960 | 12 | Dec. 2, 1952 | 53.5 | May 29, 1962 | | |
| C-7 N3552 | do. | Hicksville WD | PS | 116-169 | M | 1952-62 | 10 | 18 | Feb. 21, 1962 | 15 | Jan. 8, 1962 | 52.0 | Sept. 14, 1956 | | |
| C-7 N3553 | do. | do. | PS | 99-152 | M | 1950-62 | 7 | 16 | Sept. 19, 1956 | 5.6 | Sept. 23, 1950 | 54.4 | Feb. 21, 1962 | | |
| E-7 N3561 | Oyster Bay | Oyster Bay WD | PS | 88-118 | up | 1954-61 | 3 | 6.4 | June 20, 1960 | 4.6 | Feb. 28, 1954 | -- | -- | | |
| C-5 N3564 | Wentagh | NWSD | PS | 28-69 | up | 1952-59 | 8 | 20 | June 26, 1957 | 13 | June 21, 1954 | -- | -- | | |
| C-5 N3603 | Franklin Square | Franklin Square WD | PS | 443-493 | M | 1952-57 | 5 | 6.6 | Dec. 17, 1957 | 3.6 | Mar. 24, 1953 | -- | -- | | |
| C-5 N3604 | do. | do. | PS | 438-498 | M | 1952-57 | 5 | 7.0 | Dec. 17, 1957 | 3.4 | Mar. 28, 1953 | -- | -- | | |
| C-5 N3618 | do. | do. | PS | 400-440 | M | 1952-61 | 3 | 6.4 | July 28, 1952 | 3.4 | May 6, 1953 | -- | -- | | |
| C-7 N3668 | Levittown | Levitt and Sons, Inc. | PS | 379-420 | M | 1952-61 | 7 | 4.0 | Apr. 6, 1958 | 3.8 | Nov. 2, 1961 | -- | -- | | |
| D-5 N3672 | Hempstead | Vil. of Hempstead | PS | 407-447 | M | 1952-62 | 9 | 11 | Jan. 8, 1962 | 4.2 | May 22, 1956 | -- | -- | | |
| D-5 N3673 | Garden City Park | Garden City Park WD | PS | 407-447 | M | 1952-61 | 3 | 10 | Jan. 10, 1961 | 5.4 | July 17, 1952 | -- | -- | | |
| C-7 N3680 | do. | do. | PS | 388-428 | M | 1952-61 | 4 | 4.0 | July 1, 1959 | 3.6 | Oct. 27, 1953 | -- | -- | | |
| C-6 N3685 | Hempstead | NWSD | PS | 270-328 | up | 1956 | 1 | 20 | Aug. 1, 1956 | -- | -- | -- | -- | | |
| B-6 N3687 | Long Beach | New York Telephone Co. | Ind | 1195-1245 | L | 1951-62 | 25 | 10 | Mar. 14, 1953 | 3.6 | Nov. 6, 1961 | 68.8 | Nov. 20, 1951 | | |
| C-6 N3695 | Mitchell Field | City of Long Beach | PS | 470-500 | M | 1952-60 | 6 | 6.0 | Oct. 22, 1958 | 3.8 | Feb. 11, 1960 | 58.0 | Aug. 22, 1958 | | |
| C-6 N3696 | do. | do. | PS | 413-443 | M | 1952-60 | 6 | 11 | Oct. 2, 1957 | 5.0 | Oct. 28, 1952 | 58.0 | Aug. 22, 1958 | | |
| C-6 N3697 | do. | do. | PS | 413-443 | M | 1952-60 | 5 | 7.2 | Oct. 1, 1953 | 4.5 | Feb. 2, 1960 | 58.0 | Aug. 22, 1958 | | |
| C-6 N3698 | do. | do. | PS | 402-432 | M | 1952-60 | 5 | 7.2 | Oct. 1, 1953 | 5.0 | Oct. 28, 1952 | 58.0 | Aug. 22, 1958 | | |
| C-6 N3699 | do. | do. | PS | 442-472 | M | 1952-61 | 8 | 14 | Oct. 21, 1959 | 8.4 | Jan. 9, 1952 | -- | -- | | |
| C-6 N3704 | Hempstead Gardens | West Hempstead-Hempstead Gardens WD | PS | 107-160 | up | 1952-61 | 1 | -- | -- | -- | -- | -- | -- | | |
| B-5 N3707 | Hewlett | NODPW | 0 | 13 | up | 1951-53 | 7 | 24 | May 5, 1951 | 12 | Mar. 2, 1951 | 60.5 | Nov. 9, 1953 | | |
| B-5 N3708 | Valley Stream | do. | -- | 18 | -- | 1951-55 | 8 | 450 | July 2, 1955 | 12 | Mar. 2, 1951 | 57.8 | Nov. 9, 1953 | | |
| B-5 N3709 | do. | do. | -- | 19 | -- | 1951-55 | 8 | 4,200 | Nov. 9, 1953 | 6 | Mar. 2, 1951 | 59.8 | Nov. 9, 1953 | | |
| B-5 N3710 | Woodmere | do. | -- | 18 | -- | 1951-53 | 6 | 102 | July 30, 1951 | 14 | Mar. 31, 1951 | 61.5 | Nov. 9, 1953 | | |
| E-5 N3711 | Valley Stream | do. | -- | 18 | -- | 1953 | 7 | 14 | May 5, 1951 | 6 | Aug. 5, 1955 | 62.0 | Nov. 9, 1953 | | |
| E-5 N3712 | Port Washington | Port Washington Sewer District | U | 36-46 | up | 1952-53 | 2 | 3,100 | Mar. 9, 1953 | 2,900 | Aug. 5, 1952 | -- | -- | | |
| C-5 N3720 | Franklin Square | Jam. WSC | PS | 476-516 | M | 1953-54 | 3 | 4.2 | Apr. 20, 1953 | 3.8 | Feb. 3, 1953 | -- | -- | | |
| D-6 N3732 | Albertson | Albertson WD | PS | 310-350 | M | 1954-62 | 6 | 8.2 | Jan. 30, 1962 | 5.2 | May 28, 1959 | -- | -- | | |
| D-6 N3733 | do. | do. | PS | 410-450 | M | 1952-62 | 7 | 7.0 | Feb. 14, 1955 | 4.8 | May 8, 1959 | -- | -- | | |
| B-5 N3734 | Inwood | Peninsula Laundry | Ind | 106-126 | J | 1961 | 2 | 56 | Apr. 3, 1961 | 52 | Sept. 28, 1961 | -- | -- | | |
| C-6 N3745 | Rockville Centre | Vil. of Rockville Centre | PS | 542-592 | M | 1952-62 | 14 | 12 | Sept. 8, 1952 | 3.8 | Nov. 10, 1953 | 56.5 | Oct. 21, 1953 | | |
| C-8 N3760 | Levittown | NWSD | PS | 89-142 | M | -- | -- | -- | -- | -- | -- | -- | -- | | |

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Well | Map coordi- nates | Locality | Owner | Use | Screened depth (feet) | Geologic source | Chloride concentration | | | | Water temperature | | | | | | |
|-------|----------------------|---------------|-------------------------|-----|-----------------------------|--------------------|-----------------------------------|-------------------|--|---------------|---------------------------------------|----------------|-----------------------------------|-------------------|---|---------------|--|
| | | | | | | | Period of record (years) | No. of samples | Highest of record Chloride (ppm) | Date | Lowest of record Chloride (ppm) | Date | Period of record (years) | No. of samples | Highest of record Temper- ature (°F) | Date | Lowest of record Temper- ature (°F) |
| N3781 | C-5 | Valley Stream | Long Island Water Corp. | PS | 350-412 | M | 1953-62 | 7 | 5.6 | Oct. 3, 1955 | 4.0 | Apr. 27, 1953 | -- | 1 | 55.3 | July 18, 1962 | -- |
| N3782 | C-5 | do. | do. | PS | 308-418 | M | 1954-61 | 3 | 5.4 | Aug. 25, 1960 | 4.0 | Sept. 13, 1954 | -- | 1 | 55.3 | July 18, 1962 | -- |
| N3783 | C-6 | Oceanside | Sun Oil Co. | PS | 71-81 | UP | 1961 | 5 | 58 | Mar. 30, 1961 | -- | -- | 1962 | 1 | 55.8 | July 18, 1962 | -- |
| N3784 | C-6 | Roosevelt | Long Island Water Corp. | PS | 63.5-89.8 | M | 1952-62 | 70 | 16,700 | May 18, 1953 | 15,200 | May 13, 1953 | 1952-59 | 6 | 60.0 | Oct. 31, 1952 | 56.8 |
| N3785 | C-5 | Cedarhurst | USGS | O | 252-233 | M | 1952-62 | 58 | 2,300 | Aug. 12, 1953 | 1,800 | Nov. 24, 1952 | 1952-56 | 5 | 57.0 | Oct. 31, 1952 | 56.5 |
| N3786 | C-5 | Lawrence | do. | O | 163-171 | M | 1952-59 | 58 | 8 | Apr. 18, 1953 | 2 | Dec. 23, 1954 | 1952 | 1 | 59.0 | Oct. 24, 1952 | -- |
| N3787 | C-5 | Woodmere | do. | O | 595-555 | M | 1952-60 | 63 | 8 | Apr. 18, 1953 | 2 | Dec. 23, 1954 | 1952 | 1 | 59.0 | Oct. 24, 1952 | -- |
| N3788 | C-5 | Woodmere | do. | O | 450-412 | M | 1952-59 | 43 | 7 | Apr. 18, 1953 | 3.0 | Dec. 23, 1954 | 1952 | 1 | 59.0 | Oct. 24, 1952 | -- |
| N3789 | C-5 | Valley Stream | do. | O | 506-512 | M | 1952-60 | 52 | 8 | June 15, 1953 | 3.6 | Dec. 30, 1952 | 1952-54 | 3 | 57.6 | July 20, 1954 | 53.0 |
| N3790 | C-6 | do. | do. | O | 308-298 | M | 1952-61 | 0 | 7.0 | Oct. 1, 1952 | 1.6 | May 23, 1952 | 1962 | 1 | 52.2 | July 18, 1962 | -- |
| N3791 | C-6 | do. | do. | O | 375-268 | M | 1952-61 | 7 | 7.0 | Oct. 1, 1952 | 1.6 | May 23, 1952 | 1962 | 1 | 52.2 | July 18, 1962 | -- |
| N3792 | C-7 | Hicksville | Hicksville WD | PS | 412-466 | M | 1952-61 | 7 | 6.6 | Nov. 20, 1957 | 3.6 | Mar. 23, 1953 | 1962 | 1 | 53.4 | May 22, 1962 | -- |
| N3793 | C-5 | Garden City | Vil. of Garden City | PS | 412-75 | UP | 1953-61 | 2 | 10 | July 26, 1954 | 3.6 | Mar. 23, 1953 | 1962 | 1 | 53.3 | July 17, 1962 | -- |
| N3794 | C-6 | Nassau | do. | PS | 132-173 | UP, M | 1952-62 | 9 | 19 | Feb. 21, 1962 | 1.7 | July 7, 1954 | 1962 | 1 | 52.9 | May 31, 1962 | -- |
| N3795 | C-6 | Glen Cove | do. | PS | 284-241 | M | -- | -- | -- | -- | -- | -- | 1962 | 1 | 54.7 | July 17, 1962 | -- |
| N3796 | C-7 | Levittown | do. | PS | 120-171 | M | 1953-62 | 4 | 5.0 | Feb. 21, 1962 | 3.2 | Nov. 4, 1953 | 1962 | 1 | 53.7 | July 17, 1962 | -- |
| N3797 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3798 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3799 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3800 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3801 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3802 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3803 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3804 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3805 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3806 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3807 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3808 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3809 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3810 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3811 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3812 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3813 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3814 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3815 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3816 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3817 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3818 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3819 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3820 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3821 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3822 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3823 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3824 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3825 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3826 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3827 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3828 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3829 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3830 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3831 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3832 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3833 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3834 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3835 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3836 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3837 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3838 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3839 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3840 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3841 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3842 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3843 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3844 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3845 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3846 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3847 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3848 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3849 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3850 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1 | 52.2 | July 17, 1962 | -- |
| N3851 | C-7 | North Merrick | do. | PS | 312-351 | M | 1953-59 | 4 | 6.0 | Nov. 15, 1955 | 4.2 | June 19, 1959 | 1962 | 1</ | | | |

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Well | Map coordinates | Locality | Owner | Use | Screened depth (feet) | Geologic source | Chloride concentration | | | | Water temperature | | | | | | | |
|-------|-----------------|-------------------|------------------------------|-----|-----------------------|-----------------|--------------------------|----------------|-------------------|----------------|-------------------|----------------|--------------------------|----------------|-------------------|----------------|------------------|------------------|
| | | | | | | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | |
| | | | | | | | | | Chloride (ppm) | Date | Chloride (ppm) | Date | | | Temperature (°F) | Date | | Temperature (°F) |
| N4389 | E-5 | Sands Point | Vill. of Sands Point | PS | 150-176; 208-224 | P | 1954-62 | 3 | 12 | Jan. 11, 1956 | 10 | Nov. 23, 1954 | 1962 | 1 | 53.1 | July 25, 1962 | -- | -- |
| N4390 | D-5 | New Hyde Park | Jam. WSC | PS | 84-105 | up | 1954-61 | 4 | 16 | Sept. 15, 1959 | 9 | June 1, 1954 | 1962 | 1 | 55.2 | May 22, 1962 | -- | -- |
| N4393 | B-5 | Lynbrook | Long Island Water Corp. | PS | 132-175 | M | 1954-61 | 5 | 4.8 | Oct. 3, 1955 | 3.2 | June 21, 1954 | 1962 | 1 | 56.6 | July 18, 1962 | -- | -- |
| N4394 | C-5 | Malverne | do. | PS | 164-252 | up | 1954 | 2 | 12 | Aug. 23, 1954 | 11 | July 7, 1954 | 1962 | -- | -- | Feb. 21, 1962 | -- | -- |
| N4400 | E-7 | Oyster Bay | Oyster Bay WD | PS | 995-1065 | L | 1957-62 | 18 | 6.2 | July 23, 1962 | 9.4 | June 28, 1954 | 1962 | 6 | 60.8 | Aug. 18, 1962 | 64.0 | June 1956 |
| N4405 | B-5 | Atlantic Beach | Long Island Water Corp. | PS | 480-550 | M | 1954-60 | 3 | 4.4 | July 31, 1962 | 3.8 | June 24, 1961 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4411 | B-5 | Lynbrook | do. | PS | 325-365 | M | 1954-62 | 3 | 7.2 | Dec. 19, 1957 | 6.0 | Oct. 1, 1961 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4425 | C-6 | Hempstead | Vill. of Hempstead | PS | 280-330 | M | 1954-61 | 4 | 7.4 | Oct. 11, 1961 | 4.4 | Aug. 1, 1961 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4447 | C-7 | East Meadow | East Meadow WD | PS | 500-550 | M | 1955-61 | 5 | 4.0 | Feb. 23, 1955 | 3.2 | Nov. 10, 1961 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4448 | C-7 | do. | do. | PS | 415-466 | M | 1960-61 | 2 | 4.0 | May 3, 1960 | 3.8 | Nov. 10, 1961 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4450 | C-7 | Levittown | Levittown WD | PS | 343-399 | M | 1960 | 1 | 7.0 | May 3, 1960 | -- | June 26, 1954 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4451 | C-7 | do. | do. | PS | 106-136 | M | 1954-59 | 5 | 15 | June 26, 1959 | 5.2 | June 26, 1954 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4461 | C-8 | Wantagh | NYMSD | PS | 151-172 | M | 1954 | 5 | 4.6 | Sept. 1, 1954 | -- | -- | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N4512 | C-5 | Valley Stream | Jam. WSC | PS | 454-504 | M | 1954 | 5 | 8 | Feb. 3, 1954 | 6 | Apr. 5, 1954 | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N4545 | B-7 | Jones Beach | Long Island State Park Comm. | 0 | 7-167 | M | 1954 | 5 | 12 | Mar. 2, 1954 | 6 | Apr. 5, 1954 | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N4546 | B-7 | do. | do. | 0 | 2-62 | up | 1954 | 6 | 12 | Apr. 2, 1954 | 3.0 | Apr. 5, 1954 | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N4547 | B-7 | Great Island | do. | 0 | 201-241 | M | 1954-60 | 3 | 4.2 | Mar. 2, 1954 | 4.0 | Apr. 5, 1954 | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N4548 | B-6 | Island Park | Nick DiBiase | D | 67-70 | up | 1954 | 1 | 2,380 | July 13, 1954 | -- | Apr. 5, 1954 | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N4602 | C-8 | Massapequa | Massapequa WD | PS | 382-444 | M | 1957-61 | 4 | 5.4 | Aug. 23, 1957 | 11 | Oct. 18, 1961 | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N4603 | C-8 | do. | do. | PS | 112-184 | M | 1954-61 | 6 | 14 | July 11, 1960 | 5 | May 23, 1955 | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N4623 | D-6 | Roslyn Estates | Roslyn WD | PS | 435-485 | M | 1955-62 | 4 | 6 | Apr. 16, 1956 | 5 | May 23, 1955 | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N4708 | D-7 | Hicksville | Pittsburgh Plate Glass Co. | Ind | 149-169 | M | 1962 | 1 | 9.2 | Jan. 30, 1962 | -- | -- | -- | -- | -- | May 22, 1962 | -- | -- |
| N4756 | C-7 | East Hempstead | Uniondale WD | PS | 245-308 | M | 1956-61 | 5 | 4.8 | Apr. 12, 1960 | 4.0 | May 2, 1956 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4757 | C-7 | do. | do. | PS | 267-319 | M | 1955-61 | 6 | 6 | June 7, 1955 | 3.6 | Nov. 2, 1956 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4758 | C-7 | do. | do. | PS | 363-441 | M | 1955-61 | 7 | 5.2 | Mar. 7, 1956 | 3.2 | Oct. 23, 1961 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4759 | C-7 | do. | do. | PS | 283-355 | M | 1956-61 | 5 | 4.6 | May 6, 1956 | 3.2 | Oct. 23, 1961 | 1962 | -- | -- | July 17, 1962 | -- | -- |
| N4859 | E-5 | Port Washington | Port Washington WD | PS | 335-385 | J | 1956-61 | 22 | 96 | Aug. 12, 1956 | 4.8 | June 13, 1955 | 1951-62 | 3 | 52.3 | Sept. 14, 1956 | 54.0 | May 31, 1962 |
| N4860 | E-5 | do. | do. | PS | 60-90 | up | 1954-61 | 4 | 30 | Oct. 13, 1960 | 5.0 | Oct. 3, 1956 | 1951-62 | 5 | 52.5 | Oct. 9, 1957 | 53.5 | Oct. 28, 1954 |
| N5007 | D-7 | Westbury | Westbury WD | PS | 210-260 | M | 1955-61 | 9 | 10 | July 1, 1956 | 5.2 | Nov. 3, 1961 | 1962 | -- | -- | May 1, 1956 | 54.4 | May 29, 1962 |
| N5099 | D-5 | Lake Success | Manhasset-Lakeville WD | PS | 345-393 | M | 1956-62 | 3 | 5.8 | May 1, 1956 | 3.6 | Aug. 2, 1960 | 1962 | -- | -- | July 18, 1962 | -- | -- |
| N5121 | B-5 | Lynbrook | Long Island Water Corp. | PS | 481-542 | M | 1955-60 | 6 | 4.2 | June 1, 1955 | 4.2 | May 13, 1955 | 1962 | -- | -- | July 18, 1962 | -- | -- |
| N5145 | C-5 | Valley Stream | do. | PS | 405-460 | M | 1955-62 | 3 | 6.5 | Aug. 2, 1956 | 16 | Sept. 16, 1961 | 1962 | -- | -- | July 18, 1962 | -- | -- |
| N5147 | C-8 | South Farmingdale | do. | PS | 165-219 | M | 1957-61 | 4 | 21 | Dec. 4, 1961 | 4.2 | Nov. 21, 1961 | 1962 | -- | -- | July 19, 1962 | -- | -- |
| N5148 | C-8 | do. | do. | PS | 297-331 | M | 1957-61 | 3 | 5.4 | July 18, 1960 | 4.2 | Nov. 21, 1961 | 1962 | -- | -- | July 19, 1962 | -- | -- |
| N5152 | E-6 | Locust Valley | Locust Valley WD | PS | 305-355 | L | 1956-62 | 5 | 9.2 | Aug. 9, 1956 | 7.2 | May 18, 1955 | 1962 | -- | -- | July 19, 1962 | -- | -- |
| N5153 | B-6 | Baldwin | Long Island Water Corp. | PS | 288-323 | M | 1955-61 | 4 | 7.2 | Jan. 14, 1956 | 5.4 | May 18, 1955 | 1962 | -- | -- | July 19, 1962 | -- | -- |
| N5155 | C-5 | Elmont | Jam. WSC | PS | 70-90 | up | 1955-59 | 2 | 15 | Aug. 27, 1959 | 11 | June 9, 1955 | -- | -- | -- | July 19, 1962 | -- | -- |
| N5156 | C-5 | do. | do. | PS | 291-331 | M | 1955-61 | 2 | 14 | June 9, 1955 | 8.6 | Oct. 9, 1961 | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N5163 | C-6 | Garden City | Vill. of Garden City | PS | 425-475 | M | 1955-61 | 5 | 6.8 | June 29, 1955 | 5.5 | Oct. 8, 1956 | 1962 | -- | -- | May 22, 1962 | -- | -- |
| N5187 | C-7 | Roosevelt | Long Island Water Corp. | PS | 434-494 | M | 1955-61 | 3 | 4.4 | June 29, 1955 | 3.8 | Sept. 28, 1961 | 1962 | -- | -- | July 9, 1958 | 55.8 | May 10, 1962 |
| N5193 | B-6 | Rockville Centre | Vill. of Rockville Centre | PS | 400-550 | M | 1955-62 | 7 | 8 | July 9, 1958 | 3.4 | Aug. 23, 1961 | 1962 | -- | -- | July 9, 1958 | 57.1 | May 10, 1962 |
| N5194 | B-6 | do. | do. | PS | 435-515 | M | 1956-62 | 7 | 8 | July 9, 1958 | 3.6 | Feb. 19, 1957 | 1962 | -- | -- | July 23, 1956 | -- | -- |
| N5195 | B-6 | do. | do. | PS | 305-335 | M | 1956-62 | 7 | 8 | May 9, 1960 | 4.4 | July 18, 1961 | 1962 | -- | -- | July 23, 1956 | -- | -- |
| N5201 | D-6 | Jericho | Jericho WD | PS | 434-504 | L | 1957-61 | 29 | 4.8 | May 9, 1960 | 5.4 | May 23, 1956 | 1962 | -- | -- | Aug. 12, 1959 | 67.7 | July 19, 1962 |
| N5209 | D-5 | Port Washington | Port Washington WD | PS | 259-299 | L | 1956-61 | 29 | 15 | July 10, 1959 | 2.0 | Apr. 3, 1960 | 1962 | -- | -- | Aug. 12, 1959 | 67.7 | July 19, 1962 |
| N5227 | B-6 | Point Lookout | Lido-Point Lookout WD | PS | 1190-1250 | L | 1955-61 | 2 | 10 | Aug. 12, 1958 | 7.0 | May 3, 1960 | 1962 | -- | -- | Aug. 12, 1959 | 67.7 | July 19, 1962 |
| N5233 | C-7 | do. | Monaco Surf Club | C | 517-547 | M | 1955-62 | 6 | 10 | Aug. 22, 1961 | 3.0 | May 3, 1960 | 1962 | -- | -- | Aug. 12, 1959 | 67.7 | July 19, 1962 |
| N5259 | B-6 | North Bellmore | NYMSD | PS | 241-308 | M | 1955-61 | 2 | 8.2 | June 7, 1955 | 7.0 | June 13, 1959 | 1962 | -- | -- | Aug. 12, 1959 | 67.7 | July 19, 1962 |
| N5260 | C-6 | Hempstead Gardens | West Hempstead-Hempstead | PS | 432-515 | M | 1956-61 | 4 | 6.2 | Dec. 28, 1957 | 4.8 | Oct. 21, 1959 | 1962 | -- | -- | Aug. 12, 1959 | 67.7 | July 19, 1962 |
| N5261 | E-6 | Glen Cove | NYMSD | PS | 131-170; 185-195 | up | 1952-62 | 13 | 15 | May 25, 1954 | 8.4 | June 13, 1960 | 1962 | -- | -- | May 31, 1962 | -- | -- |
| N5301 | C-7 | Levittown | Levittown WD | PS | 324-377 | M | 1956-62 | 6 | 14 | Feb. 21, 1956 | 5.0 | May 28, 1956 | 1962 | 2 | 52.4 | Feb. 21, 1962 | 52.3 | July 17, 1962 |
| N5302 | C-7 | do. | do. | PS | 431-484 | M | 1956-61 | 6 | 5 | May 28, 1956 | 3.6 | May 22, 1956 | 1962 | -- | -- | Feb. 21, 1962 | 53.0 | July 17, 1962 |
| N5303 | C-7 | do. | do. | PS | 454-506 | M | 1956-62 | 4 | 3.4 | Feb. 21, 1962 | -- | June 20, 1956 | 1962 | -- | -- | Feb. 21, 1962 | 53.0 | July 17, 1962 |
| N5304 | C-7 | do. | do. | PS | 415-467 | M | 1961 | 1 | 6 | Sept. 14, 1961 | -- | -- | 1962 | -- | -- | July 17, 1962 | -- | -- |

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Well | Map coordinates | Locality | Owner | Use | Screened depth (feet) | Geologic source | Chloride concentration | | | | Water temperature | | | | | | | |
|-------|-----------------|-------------------|-----------------------------------|-----|-----------------------|-----------------|--------------------------|----------------|-------------------|----------------|-------------------|--------------------------|----------------|-------------------|------|------------------|------------------|---------------|
| | | | | | | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | Period of record (years) | No. of samples | Highest of record | | Lowest of record | | |
| | | | | | | | | | Chloride (ppm) | Date | | | | Chloride (ppm) | Date | | Temperature (°F) | Date |
| N5305 | D-8 | Bethpage | Gruman Aircraft Engineering Corp. | Ind | 116-167 | M | 1962 | 1 | 15 | Jan. 23, 1962 | -- | -- | -- | -- | -- | -- | -- | |
| N5306 | D-8 | do. | do. | Ind | 173-204; 233-255 | M | 1962 | 1 | 9.8 | Jan. 23, 1962 | -- | -- | -- | -- | -- | -- | -- | |
| N5308 | B-6 | Long Beach | City of Long Beach | PS | 160-1220 | L | 1955-62 | 7 | 6.5 | July 31, 1962 | 1.8 | July 16, 1962 | 1959-62 | 3 | 69.4 | Aug. 20, 1959 | 68.8 | May 9, 1962 |
| N5318 | C-7 | East Meadow | East Meadow WD | PS | 260-310 | M | 1977-62 | 4 | 4.6 | Nov. 7, 1977 | 3.6 | Feb. 20, 1962 | 1962 | -- | -- | -- | -- | |
| N5320 | C-7 | do. | do. | PS | 319-379 | M | 1961-62 | 2 | 4.4 | Oct. 5, 1961 | 3.6 | Mar. 21, 1962 | -- | -- | -- | -- | -- | |
| N5321 | C-7 | do. | do. | PS | 449-509 | M | 1956-62 | 2 | 3.8 | July 11, 1956 | 3.4 | June 12, 1958 | -- | -- | -- | -- | -- | |
| N5322 | C-7 | do. | do. | PS | 470-510 | M | 1956-61 | 3 | 3.6 | June 12, 1956 | 2.8 | May 22, 1956 | 1962 | 1 | 54.4 | July 17, 1962 | -- | -- |
| N5336 | C-7 | Hicksville | Hicksville WD | PS | 472-523 | M | 1957-62 | 7 | 15 | Jan. 29, 1962 | 4.0 | Feb. 20, 1957 | 1962 | 1 | 54.2 | July 20, 1962 | -- | -- |
| N5338 | D-5 | Port Washington | Manhasset-Lakeville WD | PS | 430-490 | M | 1955-61 | 4 | 6.6 | Aug. 31, 1955 | 5.8 | Apr. 7, 1960 | -- | -- | -- | -- | -- | |
| N5339 | D-5 | Port Washington | Port Washington WD | D | 372-382 | L | 1955-61 | 3 | 8 | June 10, 1957 | 6 | Aug. 19, 1955 | -- | -- | -- | -- | -- | |
| N5340 | C-6 | Mineola | Vill. of Mineola | PS | 403-463 | M | 1956-61 | 5 | 9.4 | Oct. 7, 1957 | 6.8 | Dec. 11, 1961 | 1962 | 1 | 54.4 | May 22, 1962 | -- | -- |
| N5341 | D-5 | Garden City Park | Garden City Park WD | PS | 365-415 | M | 1957-62 | 6 | 7.4 | Sept. 26, 1957 | 6.0 | Feb. 29, 1960 | 1962 | 1 | 53.9 | May 29, 1962 | -- | -- |
| N5353 | C-6 | South Hempstead | Long Island Water Corp. | PS | 537-589 | M | 1956-62 | 6 | 5.4 | Jan. 14, 1956 | 3.8 | Mar. 15, 1962 | 1962 | 1 | 55.4 | July 18, 1962 | -- | -- |
| N5364 | C-6 | Westbury | Westbury WD | PS | 275-335 | M | 1956-61 | 9 | 36 | May 14, 1956 | 20 | Nov. 9, 1961 | 1962 | 1 | 53.8 | May 28, 1962 | -- | -- |
| N5355 | D-5 | do. | do. | PS | 205-255 | M | 1956-62 | 10 | 4 | Feb. 21, 1962 | 4.3 | Mar. 26, 1957 | 1957-62 | 3 | 51.2 | Mar. 26, 1957 | 51.0 | Mar. 26, 1957 |
| N5356 | B-6 | Lakeview | Long Island Water Corp. | PS | 445-495 | M | 1956-62 | 4 | 4.4 | June 7, 1956 | 3.6 | Mar. 1, 1962 | 1962 | 1 | 57.3 | July 18, 1962 | -- | -- |
| N5359 | B-6 | Freeport | Vill. of Freeport | PS | 465-526 | M | 1957-62 | 6 | 8.0 | July 10, 1958 | 3.2 | Feb. 8, 1962 | 1958-62 | 2 | 56.2 | July 10, 1958 | 55.8 | May 11, 1962 |
| N5366 | C-7 | do. | do. | PS | 468-518 | M | 1957-62 | 7 | 8.0 | July 10, 1958 | 3.6 | Aug. 4, 1960 | 1962 | 2 | 56.6 | July 10, 1958 | 56.2 | May 11, 1962 |
| N5370 | B-8 | Maspes | Maspesqua WD | PS | 384-414; 429-459 | M | 1956-61 | 5 | 4.8 | Aug. 29, 1957 | 4.0 | Oct. 18, 1961 | 1962 | 1 | 52.6 | July 17, 1962 | -- | -- |
| N5710 | D-5 | Lake Success | Manhasset-Lakeville WD | PS | 325-385 | P | 1957-61 | 2 | 8.4 | Sept. 30, 1957 | 7.2 | Apr. 7, 1960 | 1957-62 | 2 | 53.0 | May 29, 1962 | 52.7 | Mar. 6, 1957 |
| N5762 | E-6 | Glen Cove | NYMSD | PS | 221-280 | M | 1956-61 | 6 | 13 | June 13, 1960 | 7.0 | Sept. 13, 1956 | 1960-62 | 2 | 53.1 | May 31, 1962 | 50.4 | Aug. 15, 1960 |
| N5767 | C-8 | Wantagh | do. | PS | 305-315; 334-384 | M | 1956-62 | 4 | 4.0 | June 14, 1956 | 3.2 | Feb. 21, 1962 | 1962 | 1 | 52.7 | July 17, 1962 | -- | -- |
| N5768 | B-6 | Lido Beach | Shelbourne Grand Hotel | C | 445-466; 508-530 | M | 1959-62 | 7 | 16 | Aug. 12, 1959 | 7 | May 5, 1960 | -- | -- | -- | -- | -- | |
| N5792 | E-6 | Sea Cliff | Sea Cliff Water Co. | PS | 255-295 | M | 1957-62 | 4 | 8.6 | Apr. 11, 1960 | 5.6 | Mar. 6, 1957 | 1962 | 1 | 53.7 | July 27, 1962 | -- | -- |
| N5848 | C-8 | Maspesqua | NYMSD | PS | 204-230; 270-285 | M | 1957-62 | 5 | 7.0 | Jan. 22, 1958 | 5.2 | Apr. 30, 1957 | 1962 | 1 | 51.5 | July 17, 1962 | -- | -- |
| N5852 | D-6 | East Hills | Roslyn WD | PS | 305-335 | M | 1957-62 | 3 | 5.2 | May 20, 1957 | 4.5 | Dec. 20, 1958 | 1957-62 | 2 | 57.2 | May 20, 1957 | 54.7 | May 31, 1962 |
| N5876 | D-5 | Port Washington | Port Washington WD | PS | 132-182 | M | 1957-61 | 11 | 11 | July 10, 1959 | 4.0 | Sept. 1, 1959 | 1957-62 | 2 | 60.8 | June 3, 1957 | 52.2 | May 31, 1962 |
| N5884 | D-5 | Great Neck | Cit. WSC | PS | 92-107; 117-165 | M | 1956-57 | 2 | 7.2 | May 9, 1957 | 6.2 | Sept. 6, 1956 | 1957 | 1 | 64.4 | May 9, 1957 | -- | -- |
| N5907 | B-5 | Long Beach | Oy Frank | C | 55-65 | UP | 1961 | 3 | 980 | Oct. 20, 1961 | 720 | Mar. 24, 1961 | -- | 2 | 64.4 | Sept. 17, 1957 | 53.2 | May 28, 1962 |
| N5947 | D-6 | Albertson | Albertson WD | PS | 235-265 | L | 1957-62 | 5 | 10 | Sept. 17, 1957 | 7.8 | May 8, 1959 | 1961 | -- | -- | -- | -- | -- |
| N6042 | E-7 | Mill Neck | Mill Neck Estates | PS | 312-347 | M | 1957-61 | 2 | 4.4 | Oct. 1, 1957 | 4.0 | Dec. 13, 1961 | 1961 | -- | -- | -- | -- | -- |
| N6076 | D-8 | Plainview | Plainview WD | PS | 296-358 | M | 1957-61 | 3 | 3.4 | Nov. 20, 1961 | 4.8 | Aug. 8, 1957 | 1962 | 1 | 50.9 | July 19, 1962 | -- | -- |
| N6077 | D-8 | do. | do. | PS | 398-460 | M | 1957-61 | 3 | 4.2 | Nov. 12, 1957 | 3.2 | Nov. 20, 1961 | 1962 | 1 | 51.9 | July 19, 1962 | -- | -- |
| N6078 | D-8 | Bethpage | Bethpage WD | PS | 225-275 | M | 1957-61 | 3 | 9.0 | Nov. 14, 1961 | 8.6 | May 2, 1960 | 1962 | 1 | 51.5 | July 18, 1962 | -- | -- |
| N6087 | E-5 | Port Washington | Port Washington WD | PS | 225-275 | UP | 1957-61 | 32 | 24 | July 10, 1959 | 8.0 | June 18, 1957 | -- | -- | -- | -- | -- | -- |
| N6091 | E-7 | Centre Island | J. Townsend | D | 78-85 | UP | 1962 | 1 | 14 | Apr. 12, 1962 | -- | -- | 1962 | -- | -- | -- | -- | -- |
| N6092 | D-8 | Woodbury | Jericho WD | PS | 561-631 | M | 1957-62 | 4 | 7.4 | Feb. 21, 1962 | 5.0 | July 15, 1957 | 1962 | 2 | 53.1 | July 23, 1962 | 52.8 | Feb. 21, 1962 |
| N6093 | D-8 | do. | do. | PS | 546-606 | M | 1956-60 | 2 | 6.2 | Mar. 4, 1958 | 5.6 | May 16, 1960 | 1962 | 1 | 53.2 | July 23, 1962 | -- | -- |
| N6146 | C-6 | Lakeview | Long Island Water Corp. | PS | 448-498 | M | 1958-62 | 4 | 4.6 | Aug. 23, 1960 | 3.4 | June 30, 1958 | 1962 | 1 | 52.4 | July 18, 1962 | -- | -- |
| N6148 | C-8 | South Farmingdale | South Farmingdale WD | PS | 462-489; 533-561 | M | 1957-61 | 3 | 5.4 | June 24, 1957 | 4.8 | Dec. 4, 1961 | 1962 | 1 | 53.2 | July 18, 1962 | -- | -- |
| N6149 | C-8 | do. | do. | PS | 533-561 | M | 1960-61 | 2 | 3.6 | Dec. 4, 1961 | 3.0 | Mar. 16, 1960 | 1962 | 1 | 53.2 | July 18, 1962 | -- | -- |
| N6150 | C-8 | do. | do. | PS | 542-607 | M | 1960-61 | 2 | 4.2 | Apr. 18, 1960 | 3.8 | Dec. 4, 1961 | 1962 | 1 | 53.1 | July 18, 1962 | -- | -- |
| N6166 | E-5 | Port Washington | Penn. Industries Corp. | Ind | 92-200 | M | 1957 | 1 | 190 | Oct. 1, 1957 | -- | -- | -- | -- | -- | -- | -- | -- |
| N6190 | D-7 | Hicksville | Hicksville WD | PS | 550-600 | M | 1960-61 | 2 | 4.2 | Feb. 16, 1960 | 3.8 | Nov. 20, 1961 | 1962 | 1 | 52.9 | July 20, 1962 | -- | -- |
| N6191 | D-7 | do. | do. | PS | 590-651 | M | 1960-62 | 2 | 8 | Feb. 21, 1962 | 3.6 | Nov. 20, 1961 | 1962 | 2 | 52.5 | Feb. 21, 1962 | 52.4 | July 20, 1962 |
| N6192 | D-7 | do. | do. | PS | 579-627 | M | 1960-61 | 2 | 8.2 | Nov. 20, 1961 | 4.6 | Feb. 16, 1960 | 1962 | 1 | 52.9 | July 20, 1962 | -- | -- |
| N6193 | D-7 | do. | do. | PS | 596-642; 452-467 | M | 1960-61 | 2 | 16 | Nov. 20, 1961 | 13 | Feb. 16, 1960 | 1962 | 1 | 52.9 | July 20, 1962 | -- | -- |
| N6241 | B-6 | Bay Park | USGS | 0 | 59 | UP | 1962-53 | 4 | 42 | Nov. 4, 1953 | 30 | Nov. 21, 1952 | 1953 | 2 | 54.8 | Nov. 4, 1953 | 54.4 | Dec. 8, 1953 |
| N6242 | B-5 | Cedarhurst | do. | 0 | 11 | UP | 1962-53 | 5 | 2,700 | Dec. 7, 1953 | 8 | June 12, 1952 | 1953-55 | 3 | 63.1 | July 26, 1955 | 55.6 | Dec. 7, 1953 |
| N6243 | B-5 | do. | do. | 0 | 15 | UP | 1952 | 2 | 28 | June 12, 1952 | 7 | Nov. 24, 1952 | 1953 | 2 | 58.7 | Nov. 2, 1953 | 58.7 | Dec. 7, 1953 |
| N6244 | B-5 | Woodmere | do. | 0 | 21 | UP | 1962-53 | 3 | 22 | Nov. 24, 1952 | 10 | Nov. 26, 1952 | 1953 | 2 | 56.8 | Nov. 4, 1953 | 56.1 | Dec. 7, 1953 |
| N6245 | B-6 | Oceanside | do. | 0 | 8-10 | UP | 1952 | 2 | 790 | July 13, 1952 | 700 | July 31, 1952 | -- | -- | -- | -- | -- | -- |
| N6246 | B-5 | Woodmere | do. | 0 | 5 | UP | 1952 | 3 | 16 | Dec. 7, 1953 | 6 | Nov. 18, 1952 | 1953 | 2 | 56.8 | Nov. 4, 1953 | 56.1 | Dec. 7, 1953 |
| N6247 | B-5 | Lynbrook | Formerly Queens County Water Co. | PS | 72 | UP | 1962-53 | 1 | 9 | Feb. 25, 1963 | -- | -- | 1953 | 2 | 58.4 | Nov. 4, 1953 | 52.9 | Nov. 7, 1953 |
| N6282 | E-5 | Sands Point | USGS | 0 | 384-394 | J | 1957 | 1 | 5.4 | Aug. 23, 1957 | -- | -- | 1957 | 1 | 55.0 | Aug. 23, 1957 | -- | -- |
| N6315 | D-6 | Carle Place | Carle Place WD | PS | 208-348 | M | 1968-62 | 7 | 7.8 | Jan. 10, 1962 | 6.5 | Jan. 13, 1959 | 1962 | 1 | 53.2 | May 22, 1962 | -- | -- |
| N6346 | I/ D-6 | Port Washington | Colonial Sand and Stone Co., Inc. | Ind | 365-375 | L | 1957 | 1 | 4.9 | Oct. 22, 1957 | -- | -- | 1957 | 1 | 55.0 | Oct. 22, 1957 | -- | -- |

1/ Water from shallow test well, same site, had 2550 ppm of chloride at depth of 52 ft, Sept. 10, 1957.

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Well | Map coordi- nates | Locality | Owner | Use | Screened depth (feet) | Geologic source | Chloride concentration | | | | Water temperature | | | | | | | |
|-------|----------------------|-------------------|----------------------------------|-----|-----------------------------|--------------------|-----------------------------------|-------------------|-------------------|----------------|-------------------|----------------|-----------------------------------|-------------------|--------------------------|----------------|--------------------------|------|
| | | | | | | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | | Period of record (years) | No. of samples | Highest of record | | Lowest of record | |
| | | | | | | | | | Chloride (ppm) | Date | Chloride (ppm) | Date | | | Temper- ature (°F) | Date | Temper- ature (°F) | Date |
| N6367 | B-6 | Island Park | NCDPW | 0 | 7-9 | UP | 1960 | 1 | 8.6 | Jan. 20, 1960 | -- | -- | -- | -- | -- | -- | -- | |
| N6435 | E-7 | Centre Island | Charles Whitney | D | 418-433 | L | 1962 | 1 | 3 | Apr. 12, 1962 | -- | -- | -- | -- | -- | -- | -- | |
| N6442 | C-8 | Massepequa do. | Massepequa WD do. | PS | 524-592 | M | 1958-61 | 3 | 4.4 | July 11, 1960 | 3.4 | Oct. 20, 1961 | 1962 | 1 | 53.0 | July 17, 1962 | -- | |
| N6443 | C-8 | do. | do. | PS | 190-217 | M | 1960-61 | 2 | 9.2 | July 11, 1960 | 8.4 | Oct. 20, 1961 | 1962 | 1 | 51.8 | July 17, 1962 | -- | |
| N6450 | B-6 | Long Beach | City of Long Beach | PS | 227-267 | L | 1958-62 | 6 | 6.2 | Feb. 1, 1962 | 3.6 | Nov. 6, 1961 | 1959-62 | 2 | 70.1 | Aug. 20, 1959 | 69.8 | |
| N6510 | B-5 | Lawrence | Vill. of Lawrence | D | 456-461 | L | 1962 | 10 | 14,500 | Nov. 6, 1959 | 13,800 | Apr. 9, 1959 | 1958-59 | 2 | 61.0 | Aug. 6, 1959 | 60.9 | |
| N6578 | E-7 | Centre Island | Dana Friend | D | 310-330 | L | 1962 | 1 | 3 | Apr. 12, 1962 | -- | -- | 1962 | 1 | -- | July 19, 1962 | -- | |
| N6580 | D-8 | Plainview | Plainview WD | PS | 583-570 | M | 1960-61 | 2 | 3.6 | Mar. 26, 1960 | 3.4 | Dec. 7, 1961 | 1962 | 1 | 54.3 | July 19, 1962 | -- | |
| N6581 | B-5 | Woodmere | Long Island Water Corp. | 0 | 580-596 | M | 1958-61 | 8 | 9,100 | Apr. 13, 1962 | 7,390 | Oct. 6, 1958 | 1958-59 | 2 | 60.5 | Oct. 6, 1958 | 60.0 | |
| N6643 | B-6 | Island Park | Central Rock Ready Mix Co., Inc. | Ind | 133-143 | J | 1959-61 | 4 | 154 | Apr. 6, 1961 | 60 | Feb. 27, 1959 | -- | -- | -- | Aug. 18, 1959 | -- | |
| N6644 | C-8 | Farmingdale | Vill. of Farmingdale | PS | 175-222 | M | 1952-61 | 4 | 7.6 | Nov. 20, 1961 | 4.6 | Aug. 2, 1954 | 1962 | 1 | 51.1 | July 18, 1962 | -- | |
| N6651 | D-7 | Jericho | Jericho WD | PS | 560-610 | M | 1960-61 | 2 | 13 | May 14, 1960 | 9.2 | June 5, 1961 | 1962 | 1 | 56.1 | July 23, 1962 | -- | |
| N6657 | B-8 | Tobay Beach | Town of Oyster Bay | PS | 272-292 | M | 1960-61 | 3 | 16 | June 15, 1961 | 7.0 | June 21, 1960 | 1962 | -- | -- | July 18, 1962 | -- | |
| N6664 | C-8 | Levittown | Julian Soren | G | 26-28 | UP | 1961-62 | 4 | 23 | Aug. 7, 1961 | 16 | Sept. 19, 1959 | 1961-62 | 23 | 59.9 | Nov. 4, 1961 | 54.9 | |
| N6675 | E-7 | Cove Neck | A. A. Salkin | D | 455-460 | J | 1960 | 1 | 3.7 | Dec. 5, 1960 | -- | -- | 1960 | 1 | 56.8 | Dec. 5, 1960 | 59.4 | |
| N6702 | B-5 | Atlantic Beach | USGS | 0 | 666-677 | M | 1959-62 | 8 | 15,800 | Nov. 12, 1959 | 15,600 | Aug. 31, 1959 | 1959-60 | 5 | 61.7 | Aug. 31, 1959 | 59.4 | |
| N6703 | B-5 | do. | do. | 0 | 468-478 | M | 1960-62 | 4 | 6,160 | Apr. 6, 1962 | 4,830 | July 21, 1960 | 1960 | 1 | 61.9 | July 19, 1960 | 58.4 | |
| N6704 | B-5 | do. | do. | 0 | 284-294 | M | 1959-62 | 7 | 12 | Sept. 18, 1959 | 5.4 | July 19, 1960 | 1959-60 | 1 | 59.6 | July 19, 1960 | 58.4 | |
| N6705 | B-5 | do. | do. | 0 | 146.5-156.5 | J | 1959-62 | 5 | 12,900 | Nov. 12, 1959 | 11,900 | Apr. 6, 1962 | 1960 | 3 | 60.4 | July 19, 1960 | 58.4 | |
| N6706 | B-5 | Woodsburgh | do. | 0 | 624-629 | M | 1960-62 | 2 | 15,100 | Apr. 9, 1962 | 14,900 | Jan. 4, 1961 | 1960 | 1 | 62.3 | July 11, 1960 | 58.9 | |
| N6707 | B-5 | do. | do. | 0 | 493-503 | M | 1959-62 | 7 | 1,700 | Apr. 9, 1962 | 1,150 | Apr. 4, 1961 | 1959-60 | 3 | 59.8 | July 11, 1960 | 58.9 | |
| N6723 | B-5 | Atlantic Beach | do. | 0 | 63-65 | UP | 1959-61 | 3 | 185 | Oct. 17, 1961 | 148 | July 29, 1959 | 1959 | 1 | 58.0 | July 29, 1959 | -- | |
| N6724 | B-5 | do. | do. | 0 | 14-16 | Re | 1959 | 3 | 21 | July 16, 1959 | 12 | July 27, 1959 | -- | -- | -- | -- | -- | |
| N6744 | C-5 | Elmont | Jam. WSC | PS | 74-94 | UP | 1960 | 1 | 16 | Sept. 28, 1960 | 9.0 | Oct. 23, 1961 | -- | -- | -- | -- | -- | |
| N6745 | C-5 | do. | do. | PS | 304-344 | M | 1960-61 | 2 | 9.4 | Sept. 28, 1960 | 6.0 | June 9, 1962 | 1960 | 2 | 58.0 | July 11, 1960 | 55.5 | |
| N6792 | B-5 | Woodsburgh | USGS | 0 | 48-50 | UP | 1959-62 | 4 | 2,500 | Apr. 3, 1962 | 1,160 | Mar. 15, 1960 | 1959 | 1 | 61.1 | Nov. 13, 1959 | 55.9 | |
| N6793 | B-5 | do. | do. | 0 | 9-11 | Re | 1960-62 | 4 | 6 | May 10, 1962 | 3.6 | June 21, 1960 | 1962 | 2 | 56.1 | July 19, 1962 | 55.9 | |
| N6817 | B-6 | Rockville Centre | Vill. of Rockville Centre | PS | 508-558 | M | 1960-61 | 3 | 7.5 | July 20, 1961 | 4.6 | Nov. 8, 1961 | 1960 | 5 | 66.9 | June 8, 1960 | 62.0 | |
| N6819 | D-7 | Westbury | Westbury WD | PS | 215-265 | M | 1960-62 | 4 | 64 | May 23, 1960 | 106 | Dec. 15, 1960 | 1960 | 4 | 64.0 | Sept. 23, 1960 | 61.0 | |
| N6849 | B-6 | Point Lookout | USGS | 0 | 1027-1037 | R | 1960-62 | 10 | 115 | May 13, 1961 | 106 | Dec. 15, 1960 | 1960 | 5 | 60.5 | Sept. 23, 1960 | 59.0 | |
| N6850 | B-6 | do. | do. | 0 | 898-909 | M | 1960-62 | 10 | 64 | May 23, 1961 | 106 | Dec. 15, 1960 | 1960 | 4 | 60.5 | Sept. 23, 1960 | 59.0 | |
| N6851 | B-6 | do. | do. | 0 | 551-556 | M | 1960-62 | 6 | 6 | Sept. 16, 1961 | 3.6 | July 8, 1960 | 1960 | 5 | 59.5 | May 16, 1960 | 56.0 | |
| N6852 | B-6 | do. | do. | 0 | 258-263 | M | 1960-62 | 12 | 9,500 | Sept. 16, 1961 | 8,180 | July 8, 1960 | 1960 | 4 | 57.2 | Sept. 23, 1960 | 55.9 | |
| N6853 | B-6 | do. | do. | 0 | 127-132 | M | 1960-62 | 7 | 4.5 | Apr. 3, 1962 | 4 | May 25, 1960 | 1960 | 4 | 54.3 | July 17, 1962 | -- | |
| N6866 | C-8 | Massepequa | Massepequa WD | PS | 566-626 | M | 1960-61 | 2 | 3.8 | June 1, 1960 | 3.2 | Oct. 18, 1961 | 1962 | 1 | 54.3 | July 17, 1962 | -- | |
| N6867 | C-8 | do. | do. | PS | 414-445 | M | 1961 | 2 | 3.4 | Nov. 21, 1961 | 2.9 | Oct. 18, 1961 | 1962 | 1 | 53.6 | July 17, 1962 | -- | |
| N6868 | C-8 | do. | do. | PS | 456-472 | M | 1961-62 | 3 | 4.4 | Feb. 21, 1961 | 3.4 | Mar. 15, 1962 | 1962 | 1 | 54.7 | July 18, 1962 | -- | |
| N6933 | C-6 | Rosevelt | Long Island Water Corp. | PS | 500-560 | M | 1961-62 | 3 | 4.4 | Feb. 21, 1961 | 3.4 | Mar. 15, 1962 | 1962 | 1 | 54.7 | July 18, 1962 | -- | |
| N6915 | C-8 | Bethpage | Bethpage WD | PS | 422-475 | M | 1961 | 1 | 4.0 | Sept. 28, 1961 | -- | -- | 1962 | 1 | 51.5 | July 18, 1962 | -- | |
| N6916 | C-8 | do. | do. | PS | 555-605 | M | 1961 | 1 | 3.0 | Sept. 28, 1961 | -- | -- | 1962 | 1 | 54.2 | July 18, 1962 | -- | |
| N6920 | B-6 | Point Lookout | USGS | 0 | 42-42 | Re | 1960-62 | 5 | 210 | Apr. 3, 1962 | 170 | May 25, 1960 | 1960 | 2 | 58.0 | May 25, 1960 | 54.0 | |
| N6928 | B-6 | Bay Park | do. | 0 | 716-726 | M | 1960-62 | 4 | 18 | Sept. 28, 1961 | 11 | May 11, 1962 | 1962 | -- | -- | -- | -- | |
| N6945 | D-5 | Garden City Park | Garden City Park WD | PS | 351-401 | M | 1961-62 | 2 | 7.0 | May 31, 1961 | 5.4 | Feb. 6, 1962 | 1962 | 1 | 53.9 | May 29, 1962 | -- | |
| N6956 | D-8 | Plainview | Plainview WD | PS | 514-545 | M | 1960-61 | 2 | 5.0 | Sept. 16, 1960 | 4.2 | Oct. 3, 1961 | 1962 | 1 | 52.1 | July 19, 1962 | -- | |
| N7000 | B-5 | Lawrence | Vill. of Lawrence | Irr | 566-597 | UP | 1960-62 | 5 | 12 | Nov. 28, 1960 | 6 | Aug. 1, 1962 | 1962 | -- | -- | -- | -- | |
| N7020 | B-6 | Island Park | Eastern Asphalt Co. | C | 99-110 | J | 1961-62 | 3 | 86 | Aug. 28, 1961 | 78 | Apr. 3, 1961 | 1962 | -- | -- | -- | -- | |
| N7030 | D-7 | Jericho | Jericho WD | PS | 120-125 | M | 1961 | 1 | 5 | Oct. 10, 1961 | 4 | Apr. 11, 1962 | 1962 | 1 | 54.4 | July 23, 1962 | -- | |
| N7161 | B-6 | Rockville Centre | Vill. of Rockville Centre | 0 | 480-530 | M | 1961-62 | 3 | 5 | Oct. 10, 1961 | 4 | Apr. 11, 1962 | 1962 | 1 | 59.1 | Aug. 1, 1962 | -- | |
| N7193 | E-7 | Bayville | USGS | 0 | 661-666 | UP | 1961 | 7 | 30 | Aug. 11, 1961 | 22 | Aug. 9, 1961 | -- | -- | -- | -- | -- | |
| N7207 | B-6 | Rockville Centre | Vill. of Rockville Centre | 0 | 95-96 | M | 1962 | 1 | 4.5 | Apr. 11, 1962 | -- | -- | -- | -- | -- | -- | -- | |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.

[Analyses by U.S. Geological Survey, New York State Department of Health, Nassau County Department of Health, Nassau County Department of Public Works, and private laboratories. Temperature measurements by U.S. Geological Survey personnel. For additional well data see table]

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N10. | | |
| Feb. 27, 1935 | 3.9 | - |
| 1940 | 7.3 | - |
| 1944 | 9.1 | - |
| 1945 | 11. | - |
| Mar. 10, 1947 | 8.2 | - |
| Mar. 4, 1952 | 11 | - |
| Dec. 27, 1954 | 9.4 | - |
| Jan. 11, 1955 | 16 | - |
| June 22, 1959 | 13 | - |
| Sept. 28, 1960 | 12 | - |
| May 22, 1962 | - | 54.7 |

| | | |
|---------------|-----|------|
| N12. | | |
| Mar. 28, 1938 | - | 51.3 |
| 1940 | 3.6 | - |
| Mar. 10, 1952 | 4.8 | - |
| July 13, 1954 | 4.4 | - |
| June 1959 | 6.5 | - |
| May 22, 1962 | - | 55.8 |

| | | |
|----------------|-----|------|
| N14. | | |
| 1941 | 13 | - |
| 1942 | 9.5 | - |
| May 29, 1944 | 11 | - |
| Apr. 16, 1946 | 11 | - |
| July 8, 1952 | 15 | - |
| Feb. 14, 1955 | 17 | - |
| Sept. 15, 1959 | 18 | - |
| June 1961 | 18 | - |
| May 22, 1962 | - | 56.7 |

| | | |
|----------------|-----|------|
| N15. | | |
| Feb. 27, 1935 | 12 | - |
| 1940 | 11 | - |
| Apr. 16, 1941 | 9.4 | - |
| May 2, 1944 | 11 | - |
| Mar. 10, 1947 | 14 | - |
| July 8, 1952 | 19 | - |
| Sept. 15, 1959 | 21 | - |
| June 1961 | 23 | - |
| May 22, 1962 | - | 59.7 |

| | | |
|---------------|-----|------|
| N17. | | |
| 1940 | 4.3 | - |
| 1945 | 5.2 | - |
| Mar. 10, 1947 | 6.2 | - |
| Mar. 10, 1952 | 10 | - |
| Nov. 1, 1954 | 13 | - |
| June 1958 | 16 | - |
| June 1961 | 18 | - |
| May 22, 1962 | - | 53.7 |

| | | |
|---------------|-----|------|
| N22. | | |
| Jan. 13, 1947 | 8.0 | - |
| July 6, 1949 | 12 | - |
| June 26, 1952 | 6.6 | - |
| Mar. 24, 1960 | 8.4 | - |
| Jan. 4, 1962 | 7.8 | - |
| July 27, 1962 | - | 55.3 |

| | | |
|----------------|-----|------|
| N23. | | |
| Dec. 14, 1937 | 8 | - |
| Feb. 24, 1938 | 9 | 51.2 |
| Sept. 14, 1938 | 6 | 54.3 |
| Apr. 12, 1940 | 9 | - |
| Sept. 24, 1940 | 6 | - |
| Aug. 20, 1947 | 3 | - |
| Feb. 3, 1949 | 6.2 | - |
| June 26, 1952 | 7.6 | - |
| Sept. 23, 1957 | 8.8 | - |
| Mar. 24, 1960 | 12 | - |
| Jan. 4, 1962 | 8.4 | - |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N24. | | |
| Nov. 22, 1932 | 4 | 56.0 |
| Aug. 31, 1938 | 8 | - |
| July 24, 1939 | 5 | 57.2 |
| May 9, 1940 | 5 | 56.6 |
| Dec. 3, 1941 | 7 | - |
| Mar. 26, 1945 | - | 58.7 |
| Apr. 1, 1947 | 4.4 | - |
| May 17, 1950 | 4.4 | 56.7 |
| Aug. 28, 1953 | 4.0 | - |
| Apr. 7, 1960 | 6.2 | - |
| Jan. 3, 1962 | 5.8 | - |
| May 29, 1962 | - | 55.0 |

| | | |
|----------------|-----|------|
| N29. | | |
| Jan. 13, 1939 | 6 | 50.1 |
| Apr. 27, 1943 | 6.4 | - |
| Dec. 2, 1952 | 7 | - |
| Sept. 14, 1956 | 8 | - |
| Apr. 21, 1960 | 8.0 | - |
| Jan. 17, 1962 | 5.8 | - |
| May 29, 1962 | - | 52.5 |

| | | |
|----------------|-----|------|
| N30. | | |
| Sept. 24, 1940 | 5 | 54.6 |
| Jan. 10, 1949 | 5.2 | - |
| June 25, 1952 | 5.4 | - |
| Sept. 23, 1957 | 5.8 | - |
| July 27, 1962 | - | 54.2 |

| | | |
|----------------|----|------|
| N33. | | |
| Sept. 24, 1940 | 6 | 54.3 |
| Sept. 13, 1944 | 11 | - |
| Oct. 24, 1944 | 14 | - |
| Dec. 27, 1945 | 30 | - |
| Nov. 15, 1946 | 28 | - |
| July 7, 1949 | 21 | - |
| Oct. 3, 1949 | 8 | - |

| | | |
|---------------|-----|------|
| N36. | | |
| Apr. 12, 1940 | 10 | - |
| July 1, 1948 | 6.6 | - |
| July 7, 1949 | 12 | - |
| May 16, 1950 | 8.0 | 52.0 |
| July 7, 1954 | 8.4 | - |
| Oct. 18, 1957 | 9.2 | 52.0 |
| Jan. 4, 1962 | 9.2 | - |
| July 25, 1962 | - | 52.4 |

| | | |
|----------------|----|------|
| N40. | | |
| Sept. 27, 1932 | 5 | 69.0 |
| Aug. 3, 1938 | 11 | - |
| July 26, 1939 | 6 | 71.4 |
| Apr. 11, 1940 | 7 | 69.0 |
| June 16, 1941 | 9 | 70.2 |
| Oct. 3, 1941 | - | 66.4 |
| Mar. 6, 1942 | 7 | 69.2 |
| Dec. 7, 1945 | 2 | 69.7 |
| June 16, 1948 | 8 | 67.0 |
| June 1, 1951 | 6 | - |

| | | |
|----------------|---|------|
| N41. | | |
| Sept. 27, 1937 | 5 | 69.8 |
| Aug. 3, 1938 | 6 | 70.7 |
| June 29, 1939 | 6 | 70.0 |
| Nov. 30, 1939 | 5 | 69.6 |
| July 17, 1940 | 6 | 68.1 |
| Dec. 8, 1940 | 7 | 69.6 |
| May 1, 1942 | 7 | 69.8 |
| Dec. 7, 1945 | 2 | 69.4 |
| Apr. 3, 1946 | 4 | 69.6 |
| Aug. 25, 1947 | 5 | 70.5 |
| Sept. 21, 1949 | 6 | 69.5 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N41.--Continued | | |
| Sept. 11, 1952 | 4 | 69.5 |
| July 14, 1953 | 6 | 70.0 |
| Sept. 3, 1954 | 5 | 69.5 |
| May 9, 1955 | 4.8 | - |
| Aug. 20, 1959 | - | 69.9 |
| June 1, 1960 | - | 69.8 |
| Aug. 22, 1961 | - | 69.3 |
| Nov. 17, 1961 | 16 | - |
| Feb. 9, 1962 | 17 | - |
| Mar. 27, 1962 | 34 | - |
| May 20, 1962 | - | 69.8 |

| | | |
|---------------|-----|------|
| N42. | | |
| Aug. 21, 1934 | 4 | - |
| Feb. 7, 1935 | 2 | - |
| Dec. 15, 1937 | 10 | 67.0 |
| Aug. 3, 1938 | - | 70.2 |
| Dec. 5, 1945 | 4 | 67.4 |
| June 14, 1949 | 10 | - |
| June 1, 1951 | 6 | 68.4 |
| July 14, 1953 | 8 | 68.1 |
| Sept. 3, 1954 | 8 | 68.2 |
| May 9, 1955 | 5.2 | - |

| | | |
|----------------|-----|------|
| N43. | | |
| Aug. 22, 1932 | 10 | - |
| Dec. 31, 1936 | 5 | 68.7 |
| Dec. 15, 1937 | 5 | 68.5 |
| Nov. 22, 1944 | 7 | 68.5 |
| Sept. 6, 1945 | 6 | 69.4 |
| Jan. 12, 1949 | 6.6 | - |
| Dec. 13, 1949 | 10 | 67.0 |
| May 6, 1952 | 6 | 69.2 |
| June 4, 1953 | 4.8 | - |
| Feb. 9, 1954 | 8 | 67.8 |
| Aug. 18, 1954 | 4.6 | - |
| Sept. 3, 1954 | 7 | 69.8 |
| Sept. 15, 1955 | 5.8 | - |
| Aug. 20, 1959 | 8 | 69.7 |
| Nov. 6, 1961 | 2.4 | - |
| Feb. 1, 1962 | 5.6 | - |
| May 20, 1962 | - | 69.8 |

| | | |
|----------------|-----|------|
| N44. | | |
| Aug. 26, 1934 | 10 | - |
| Feb. 7, 1935 | 3 | - |
| Sept. 8, 1936 | 7 | 69.4 |
| Sept. 27, 1937 | 5 | 69.0 |
| Sept. 6, 1938 | 2 | - |
| Sept. 1, 1939 | 6 | 69.2 |
| Mar. 6, 1940 | 6 | - |
| Sept. 26, 1940 | 8 | 69.3 |
| Sept. 2, 1941 | 6 | 69.4 |
| Mar. 6, 1942 | 6 | 69.1 |
| May 30, 1944 | 5 | 68.5 |
| Sept. 1, 1944 | 8 | 69.3 |
| Dec. 6, 1945 | 2 | 68.0 |
| June 6, 1946 | 8 | 69.1 |
| Mar. 18, 1948 | 4 | 67.5 |
| June 16, 1948 | - | 70.0 |
| Jan. 12, 1949 | 6.4 | - |
| Sept. 21, 1949 | 8 | 69.4 |
| Nov. 9, 1953 | 6.0 | - |
| Sept. 3, 1954 | 8 | 69.2 |
| Aug. 20, 1959 | - | 69.8 |
| May 17, 1960 | 9.8 | - |
| Mar. 22, 1961 | 7 | - |
| Feb. 1, 1962 | 8.0 | - |
| May 20, 1962 | - | 69.4 |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N46. | | |
| May 19, 1938 | 3 | 65.1 |
| June 29, 1939 | 4 | 66.8 |
| Apr. 15, 1941 | 3 | 66.3 |
| May 30, 1944 | 4 | 66.6 |
| Aug. 22, 1947 | 4 | 70.5 |
| Dec. 16, 1947 | 1 | 65.3 |
| June 14, 1949 | 8 | 67.6 |
| May 24, 1954 | 2.4 | - |
| Feb. 9, 1955 | 2.8 | 66.6 |
| June 9, 1955 | 3.2 | - |
| Mar. 14, 1957 | 4.2 | - |
| Aug. 12, 1959 | 4 | 68.0 |
| Nov. 2, 1961 | 2.8 | - |
| July 19, 1962 | - | 67.6 |

| | | |
|----------------|-----|------|
| N50. | | |
| May 13, 1932 | 4 | - |
| Sept. 26, 1932 | 4 | 61.0 |
| Mar. 26, 1940 | 3.2 | - |
| May 20, 1942 | 6 | 59.4 |
| Oct. 29, 1942 | 5 | 58.4 |
| Dec. 31, 1942 | 6 | 58.0 |
| Aug. 24, 1943 | 4.0 | - |
| Oct. 2, 1944 | - | 60.3 |
| Apr. 9, 1945 | - | 58.4 |
| Oct. 3, 1945 | 2 | 59.0 |
| Feb. 17, 1947 | 3.2 | - |
| May 22, 1947 | - | 59.3 |
| Aug. 25, 1947 | 5 | 60.4 |
| Apr. 22, 1948 | 5 | 58.2 |
| Oct. 21, 1948 | - | 59.5 |
| Apr. 12, 1949 | - | 59.1 |
| Sept. 27, 1949 | 4 | 59.0 |
| Dec. 5, 1949 | - | 57.4 |
| Apr. 21, 1950 | 3 | 58.5 |
| July 18, 1950 | 5 | 59.8 |
| Feb. 21, 1951 | 5 | 58.9 |
| Aug. 30, 1951 | 2 | 61.8 |
| Jan. 1, 1952 | - | 59.1 |
| Sept. 8, 1952 | - | 60.5 |
| Mar. 11, 1953 | 6 | - |
| Oct. 21, 1953 | 8 | 59.6 |
| Apr. 20, 1954 | 3.8 | - |
| Feb. 23, 1955 | 4.0 | - |
| Jan. 7, 1958 | 4.6 | - |
| Aug. 29, 1961 | 4.0 | - |
| May 10, 1962 | 5.0 | 59.1 |
| July 19, 1962 | - | 60.1 |

| | | |
|----------------|-----|------|
| N52. | | |
| May 15, 1932 | 4 | - |
| Sept. 26, 1932 | 4 | 62.0 |
| Mar. 26, 1940 | 3.4 | - |
| May 20, 1942 | 5 | 56.1 |
| Oct. 29, 1942 | 5 | 55.5 |
| Dec. 31, 1942 | 6 | 55.7 |
| Aug. 28, 1943 | 4 | - |
| Oct. 2, 1944 | - | 55.9 |
| Apr. 9, 1945 | - | 56.0 |
| Oct. 2, 1945 | 5 | 55.9 |
| Oct. 17, 1946 | - | 56.4 |
| Feb. 19, 1947 | 3.4 | - |
| May 22, 1947 | - | 55.8 |
| Aug. 25, 1947 | 5 | 57.1 |
| Apr. 22, 1948 | 5 | 55.7 |
| Apr. 12, 1949 | - | 55.9 |
| Sept. 27, 1949 | 8 | 55.7 |
| Dec. 5, 1949 | 4 | 55.0 |
| Apr. 21, 1950 | 5 | 55.4 |
| July 18, 1950 | 5 | 56.3 |
| Nov. 14, 1950 | 5 | 55.8 |
| Feb. 21, 1951 | 5 | 55.9 |
| Aug. 30, 1951 | 6 | 56.7 |
| Jan. 15, 1952 | 3 | 58.1 |
| Sept. 8, 1952 | 5 | 60.4 |
| Mar. 11, 1953 | 6 | - |
| Oct. 21, 1953 | 6 | 55.9 |
| May 7, 1957 | 7 | 56.7 |
| Aug. 29, 1961 | 4.6 | - |
| Feb. 15, 1962 | 5 | - |
| May 10, 1962 | 7 | 56.0 |
| July 19, 1962 | - | 57.3 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N67. | | |
| Feb. 5, 1946 | 2 | 63.7 |
| Aug. 22, 1947 | 5 | 63.4 |
| Apr. 19, 1948 | 4.4 | - |
| Apr. 22, 1948 | 5 | 63.0 |
| Oct. 21, 1948 | - | 63.1 |
| Apr. 12, 1949 | - | 63.4 |
| Sept. 22, 1949 | 8 | 63.4 |
| Dec. 5, 1949 | 6 | 63.2 |
| Apr. 21, 1950 | 6 | 63.2 |
| May 17, 1950 | 4.8 | 63.2 |
| July 18, 1950 | 5 | 63.3 |
| Nov. 14, 1950 | 5 | 62.9 |
| Feb. 21, 1951 | 5 | 63.2 |
| Aug. 29, 1951 | 4 | 63.6 |
| Jan. 16, 1952 | 8 | 63.5 |
| Mar. 12, 1953 | 6 | - |
| Oct. 21, 1953 | 8 | 63.6 |
| Apr. 12, 1962 | 8 | - |
| Aug. 2, 1962 | 4.2 | 61.2 |

| | | |
|----------------|-----|------|
| N68. | | |
| Mar. 26, 1940 | 3.4 | - |
| Nov. 9, 1942 | 2 | - |
| Dec. 31, 1942 | 6 | 57.6 |
| Mar. 2, 1943 | 3.8 | - |
| Aug. 25, 1943 | 5 | - |
| Sept. 28, 1944 | 6 | 57.9 |
| Apr. 10, 1945 | 6 | 57.3 |
| Oct. 9, 1946 | 2 | 56.8 |
| Oct. 17, 1946 | - | 58.4 |
| May 5, 1947 | 3.6 | - |
| May 22, 1947 | - | 57.8 |
| Aug. 22, 1947 | 5 | 58.5 |
| Apr. 22, 1948 | 6 | 57.5 |
| Oct. 21, 1948 | - | 57.4 |
| Sept. 22, 1949 | 6 | 58.0 |
| Dec. 5, 1949 | 4 | 57.2 |
| Apr. 21, 1950 | 5 | 57.4 |
| July 18, 1950 | 5 | 57.6 |
| Nov. 14, 1950 | 4 | 56.6 |
| Aug. 29, 1951 | 4 | 57.7 |
| Jan. 16, 1952 | 2 | 57.7 |
| Sept. 8, 1952 | 5 | 57.4 |
| Mar. 12, 1953 | 6 | - |
| Oct. 21, 1953 | 8 | 57.7 |
| Mar. 8, 1954 | 3.8 | - |
| May 8, 1957 | 5 | 57.5 |
| July 10, 1958 | 7 | - |
| Aug. 1, 1961 | 4.6 | - |
| Feb. 8, 1962 | 4.2 | - |
| May 11, 1962 | 6 | 56.0 |

| | | |
|----------------|-----|------|
| N72. | | |
| Oct. 29, 1942 | 4 | 56.0 |
| Apr. 9, 1945 | 6 | 54.2 |
| Oct. 3, 1945 | 2 | 56.0 |
| Apr. 22, 1948 | 4 | 56.1 |
| Sept. 27, 1949 | 8 | 55.8 |
| July 18, 1950 | 5 | 56.1 |
| Sept. 8, 1952 | 4 | 57.2 |
| Oct. 21, 1953 | 8 | 56.0 |
| Nov. 10, 1953 | 4 | - |
| Sept. 19, 1955 | 5.2 | - |
| July 9, 1958 | 8 | 56.0 |
| Feb. 15, 1962 | 5.2 | - |
| May 10, 1962 | 6 | 55.6 |
| July 19, 1962 | - | 55.9 |

| | | |
|---------------|-----|------|
| N75. | | |
| Mar. 23, 1943 | 8.2 | - |
| Mar. 24, 1947 | 8.8 | - |
| May 8, 1952 | 11 | - |
| Apr. 12, 1955 | 14 | - |
| Sept. 8, 1959 | 15 | - |
| Mar. 19, 1962 | 15 | - |
| July 17, 1962 | - | 55.0 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N80. | | |
| July 15, 1952 | 9.5 | - |
| Nov. 9, 1953 | 4.8 | - |
| Feb. 23, 1954 | 5.2 | - |
| Jan. 6, 1958 | 6 | - |
| Mar. 22, 1960 | 5.2 | - |
| Oct. 24, 1961 | 5.6 | - |
| Mar. 20, 1962 | 5.6 | - |
| May 23, 1962 | - | 55.1 |

| | | |
|---------------|---|------|
| N87. | | |
| Dec. 30, 1937 | 5 | - |
| Jan. 18, 1938 | 3 | - |
| Jan. 6, 1939 | 3 | 61.7 |
| Apr. 12, 1940 | 4 | 59.7 |
| Apr. 15, 1941 | 6 | - |

| | | |
|----------------|----|------|
| N91. | | |
| July 21, 1943 | 27 | - |
| Sept. 26, 1955 | 38 | - |
| Nov. 12, 1957 | 54 | - |
| Aug. 26, 1959 | 55 | - |
| Oct. 11, 1961 | 44 | - |
| May 22, 1962 | - | 58.2 |

| | | |
|---------------|----|---|
| N93. | | |
| July 21, 1943 | 22 | - |
| May 8, 1952 | 13 | - |
| Apr. 14, 1953 | 22 | - |
| Feb. 9, 1955 | 12 | - |
| Mar. 21, 1955 | 24 | - |
| Oct. 23, 1957 | 19 | - |
| Aug. 26, 1959 | 18 | - |

| | | |
|---------------|-----|------|
| N94. | | |
| July 27, 1943 | 9.6 | - |
| July 6, 1948 | 14 | - |
| May 8, 1952 | 19 | - |
| Aug. 24, 1954 | 23 | - |
| Mar. 21, 1955 | 24 | - |
| Oct. 6, 1955 | 25 | - |
| July 11, 1956 | 25 | - |
| May 22, 1962 | - | 54.4 |

| | | |
|---------------|-----|---|
| N97. | | |
| Feb. 26, 1935 | 5.1 | - |
| Dec. 15, 1942 | 5 | - |
| Jan. 15, 1952 | 4 | - |
| Aug. 4, 1954 | 5 | - |
| May 10, 1955 | 4.4 | - |
| Oct. 7, 1957 | 7.2 | - |
| May 1, 1959 | 5.2 | - |
| Mar. 10, 1960 | 4.6 | - |
| Dec. 11, 1961 | 4.4 | - |

| | | |
|---------------|-----|------|
| N101. | | |
| Jan. 25, 1943 | 8.2 | - |
| July 24, 1952 | 6.2 | - |
| Oct. 28, 1957 | 8.2 | - |
| June 15, 1960 | 10 | - |
| Nov. 14, 1961 | 7.8 | - |
| May 28, 1962 | - | 54.3 |

| | | |
|---------------|-----|---|
| N104. | | |
| Feb. 28, 1935 | 3.9 | - |
| Jan. 13, 1943 | 4.8 | - |
| Mar. 17, 1954 | 5.6 | - |
| Oct. 31, 1957 | 7.6 | - |
| Apr. 6, 1960 | 6.2 | - |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N111. | | |
| Dec. 14, 1937 | 5 | - |
| Nov. 7, 1938 | 3.5 | - |
| Jan. 4, 1939 | 5 | 55.5 |
| June 20, 1939 | - | 54.9 |
| Oct. 27, 1942 | 8 | - |
| Aug. 21, 1947 | 7 | - |

| | | |
|---------------|-----|------|
| N115. | | |
| Nov. 22, 1932 | 6 | 53.0 |
| Feb. 26, 1952 | 5 | - |
| Mar. 5, 1954 | 6.2 | - |
| July 11, 1955 | 6 | - |
| Aug. 3, 1960 | 7.2 | - |
| Feb. 21, 1962 | - | 52.6 |

| | | |
|---------------|-----|---|
| N123. | | |
| Dec. 20, 1937 | 7 | - |
| Aug. 31, 1938 | 6 | - |
| Jan. 9, 1940 | 8 | - |
| Apr. 14, 1941 | 10 | - |
| Aug. 13, 1946 | 10 | - |
| Feb. 17, 1950 | 4 | - |
| Feb. 29, 1952 | 7.4 | - |

| | | |
|----------------|----|------|
| N124. | | |
| Oct. 27, 1938 | 8 | 54.6 |
| Jan. 4, 1939 | 8 | 53.6 |
| Mar. 29, 1939 | 9 | 53.4 |
| Apr. 6, 1940 | 10 | 53.4 |
| Sept. 25, 1940 | 9 | 55.1 |
| Apr. 14, 1941 | 10 | 53.6 |
| Nov. 14, 1941 | 16 | - |
| Oct. 27, 1942 | 10 | - |
| Nov. 10, 1944 | 12 | - |
| Sept. 17, 1946 | 10 | - |
| Feb. 17, 1950 | 15 | - |
| Mar. 3, 1952 | 10 | - |

| | | |
|---------------|----|------|
| N128. | | |
| Oct. 1932 | 10 | - |
| Feb. 10, 1933 | 11 | - |
| May 10, 1933 | 11 | 61.0 |
| June 13, 1933 | 10 | - |
| Aug. 8, 1933 | 10 | - |
| Oct. 1933 | 10 | - |
| Mar. 28, 1938 | 10 | 59.0 |
| Apr. 27, 1938 | 10 | - |
| Sept. 6, 1938 | 11 | - |
| Apr. 3, 1939 | 7 | - |
| Dec. 30, 1952 | 10 | - |
| Mar. 11, 1953 | 10 | - |
| June 7, 1956 | 7 | 62.9 |
| June 15, 1956 | 8 | - |
| Sept. 9, 1959 | 12 | - |
| May 5, 1960 | 8 | - |

| | | |
|---------------|-----|------|
| N129. | | |
| Feb. 26, 1935 | 5.8 | - |
| Mar. 28, 1938 | 6 | 62.3 |
| Apr. 27, 1938 | 6 | - |
| May 20, 1938 | 6 | - |
| June 20, 1938 | 6 | - |
| Sept. 6, 1938 | 6 | - |
| Nov. 7, 1938 | 5 | - |
| June 29, 1939 | 7 | - |
| Oct. 6, 1939 | 6 | - |
| Aug. 25, 1947 | 7 | - |
| Dec. 30, 1952 | 7 | - |
| Apr. 29, 1953 | 8 | - |
| Nov. 10, 1953 | 4.7 | 62.5 |
| June 15, 1956 | 7.5 | - |
| Sept. 9, 1959 | 12 | - |
| May 5, 1960 | 6 | - |
| Oct. 19, 1960 | 6 | - |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N134. | | |
| May 25, 1942 | 5.5 | 56.8 |
| Oct. 29, 1942 | 4 | 55.4 |
| Dec. 31, 1942 | 9 | 55.6 |
| Feb. 16, 1943 | 3.2 | - |
| Aug. 25, 1943 | 4 | - |
| Sept. 28, 1944 | 6 | 56.0 |
| Apr. 10, 1945 | 8 | 55.6 |
| Oct. 9, 1945 | 2 | 55.4 |
| Oct. 17, 1946 | - | 55.8 |
| May 5, 1947 | 3.2 | - |
| May 22, 1947 | - | 55.6 |
| Aug. 22, 1947 | 5 | 56.3 |
| Apr. 22, 1948 | 4 | 55.3 |
| Oct. 21, 1948 | - | 55.8 |
| Apr. 12, 1949 | - | 55.8 |
| Sept. 22, 1949 | 6 | 55.8 |
| Dec. 5, 1949 | 8 | 55.7 |
| Apr. 21, 1950 | 5 | 55.6 |
| July 18, 1950 | 5 | 55.6 |
| Nov. 14, 1950 | 4 | 55.0 |
| Feb. 21, 1951 | 4 | - |
| Aug. 29, 1951 | 4 | 56.4 |
| Jan. 16, 1952 | 2 | 53.2 |
| Sept. 8, 1952 | 5 | 56.1 |
| Mar. 12, 1953 | 6 | - |
| Oct. 21, 1953 | 6 | 55.9 |
| Mar. 1, 1954 | 3.4 | - |
| May 8, 1957 | 5 | 56.2 |
| Aug. 4, 1960 | 3.4 | - |
| Feb. 20, 1962 | 2.8 | - |
| May 11, 1962 | 6 | 57.3 |

| | | |
|----------------|-----|---|
| N148. | | |
| Apr. 16, 1931 | 5.8 | - |
| Sept. 21, 1933 | 7.8 | - |
| Aug. 21, 1950 | 12 | - |
| Jan. 8, 1952 | 13 | - |

| | | |
|----------------|-----|---|
| N150. | | |
| Sept. 21, 1933 | 7.6 | - |
| Oct. 30, 1939 | 14 | - |
| Feb. 4, 1946 | 17 | - |
| Jan. 8, 1952 | 11 | - |
| Aug. 11, 1954 | 13 | - |

| | | |
|----------------|-----|------|
| N174. | | |
| May 1, 1934 | 4.5 | - |
| Dec. 20, 1937 | 5 | - |
| Jan. 4, 1939 | 4 | 54.4 |
| Sept. 26, 1939 | 2 | 54.6 |
| Apr. 14, 1941 | 5 | 55.0 |
| Oct. 27, 1942 | 5 | 54.7 |
| Nov. 10, 1944 | 7 | - |

| | | |
|----------------|-----|------|
| N198. | | |
| Nov. 23, 1932 | 4 | - |
| Apr. 12, 1950 | 3.8 | - |
| Sept. 11, 1952 | 3.9 | - |
| Mar. 16, 1954 | 3.4 | - |
| July 11, 1957 | 4.6 | - |
| May 9, 1960 | 2.4 | - |
| Aug. 15, 1960 | 3 | 52.0 |
| Dec. 5, 1961 | 3.4 | - |
| July 23, 1962 | - | 53.1 |

| | | |
|---------------|-----|------|
| N202. | | |
| Nov. 22, 1932 | 5 | 53.0 |
| Mar. 23, 1938 | 4 | - |
| Jan. 9, 1940 | 4 | 52.3 |
| Apr. 14, 1941 | 6 | 53.0 |
| Nov. 10, 1944 | 10 | - |
| Mar. 4, 1949 | 5.8 | - |
| July 7, 1949 | 9 | - |
| Aug. 10, 1953 | 4.6 | - |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N204. | | |
| Dec. 20, 1937 | 5 | - |
| Jan. 20, 1938 | 5 | - |
| Feb. 17, 1938 | 5 | 55.2 |
| Mar. 23, 1938 | 5 | - |
| Apr. 23, 1938 | 5 | - |
| May 19, 1938 | 4 | - |
| June 20, 1938 | 6 | - |
| Aug. 31, 1938 | 6 | - |
| Oct. 27, 1938 | 4 | 56.1 |
| Jan. 4, 1939 | 5 | - |
| Mar. 29, 1939 | 6 | 55.0 |
| June 20, 1939 | 2 | 56.2 |
| Sept. 26, 1939 | 5 | 56.1 |
| Jan. 9, 1940 | 4 | 55.4 |
| Apr. 11, 1940 | 5 | 55.7 |
| Sept. 25, 1940 | 5 | - |
| Apr. 14, 1941 | 7 | - |
| Nov. 14, 1941 | 6 | - |
| Oct. 27, 1942 | 5 | - |
| Nov. 10, 1944 | 8 | - |
| Aug. 26, 1946 | 9 | - |
| Aug. 21, 1947 | 6 | - |
| Mar. 4, 1949 | 5 | - |
| Mar. 7, 1950 | 6 | - |
| Feb. 29, 1952 | 3.6 | - |

| | | |
|----------------|-----|------|
| N570. | | |
| Apr. 12, 1950 | 3.8 | - |
| Sept. 11, 1952 | 4 | - |
| Mar. 16, 1954 | 3.6 | - |
| July 11, 1957 | 5.2 | - |
| May 9, 1960 | 4.4 | - |
| Dec. 6, 1961 | 4.4 | - |
| July 23, 1962 | - | 53.0 |

| | | |
|---------------|-----|------|
| N578. | | |
| Dec. 15, 1942 | 5 | - |
| Jan. 15, 1952 | 8 | - |
| July 31, 1952 | 8.8 | - |
| Dec. 15, 1952 | 5 | - |
| Aug. 23, 1954 | 4.2 | - |
| Sept. 7, 1954 | 2 | - |
| Jan. 11, 1955 | 9.6 | - |
| Jan. 31, 1956 | 9.6 | - |
| Oct. 7, 1957 | 9.4 | - |
| May 7, 1959 | 9 | - |
| Feb. 29, 1960 | 8.2 | - |
| Jan. 3, 1962 | 9.2 | - |
| May 22, 1962 | - | 54.6 |

| | | |
|----------------|-----|------|
| N650. | | |
| Jan. 19, 1943 | 4.4 | - |
| May 5, 1947 | 5.2 | - |
| July 17, 1952 | 6.7 | - |
| Sept. 26, 1957 | 7.4 | - |
| Oct. 15, 1958 | 6.5 | - |
| Apr. 7, 1959 | 6 | - |
| July 8, 1959 | 6.5 | - |
| Feb. 25, 1960 | 6.2 | - |
| Oct. 17, 1960 | 7.3 | - |
| Feb. 6, 1962 | 5.6 | - |
| May 29, 1962 | - | 54.1 |

| | | |
|---------------|-----|---|
| N651. | | |
| Jan. 19, 1943 | 5.6 | - |
| May 5, 1947 | 7 | - |
| July 17, 1952 | 8.1 | - |
| Feb. 25, 1960 | 7.2 | - |
| Jan. 8, 1962 | 8.8 | - |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N656. | | |
| Nov. 17, 1938 | 25 | 55.7 |
| July 24, 1939 | 20 | 57.7 |
| Oct. 27, 1939 | 24 | 55.7 |
| Jan. 5, 1940 | 28 | 54.9 |
| Dec. 31, 1940 | 36 | 55.6 |
| Jan. 7, 1943 | 70 | - |
| July 1, 1948 | 18 | - |
| Nov. 17, 1953 | 42 | - |
| Feb. 16, 1956 | 38 | - |
| May 23, 1956 | 38 | - |
| June 20, 1956 | 33 | - |
| July 5, 1956 | 80 | - |
| Nov. 14, 1956 | 30 | - |
| Feb. 7, 1957 | 34 | - |
| Mar. 15, 1957 | 32 | - |
| Apr. 8, 1957 | 34 | - |
| Oct. 18, 1957 | 20 | 56.5 |

| | | |
|----------------|------|------|
| N657. | | |
| Nov. 17, 1938 | 850 | 54.1 |
| Jan. 4, 1939 | 890 | - |
| Apr. 11, 1939 | 910 | - |
| May 16, 1939 | 960 | - |
| June 20, 1939 | 970 | 52.0 |
| July 24, 1939 | 970 | 54.3 |
| Sept. 1, 1939 | 970 | 54.1 |
| Sept. 26, 1939 | 1020 | 54.0 |
| Oct. 27, 1939 | 1010 | 54.0 |
| Nov. 30, 1939 | 1020 | 53.8 |
| Jan. 5, 1940 | 1040 | 53.7 |
| Feb. 9, 1940 | 1100 | 53.7 |
| Mar. 6, 1940 | 1100 | 53.6 |
| Apr. 12, 1940 | 1050 | 53.7 |
| May 9, 1940 | 1100 | 53.8 |
| July 17, 1940 | 1200 | 53.9 |
| Aug. 26, 1940 | - | 54.2 |
| Sept. 24, 1940 | 1190 | 54.2 |
| Oct. 28, 1940 | 1240 | 54.1 |
| Dec. 31, 1940 | 1220 | 54.0 |
| Feb. 26, 1941 | 1240 | 53.9 |
| Apr. 10, 1941 | 1270 | 53.9 |
| May 15, 1941 | 1260 | 54.1 |
| June 17, 1941 | 1250 | 54.2 |
| July 11, 1941 | 1250 | 54.2 |
| Sept. 2, 1941 | 1400 | 54.2 |
| Oct. 3, 1941 | 1400 | 52.7 |
| Nov. 4, 1941 | 1400 | 54.1 |
| Dec. 2, 1941 | 1300 | 53.8 |
| Jan. 5, 1942 | 1470 | 53.7 |
| Feb. 2, 1942 | 1460 | 53.7 |
| Mar. 6, 1942 | 1470 | 53.8 |
| Apr. 3, 1942 | 1490 | 53.9 |
| May 1, 1942 | 1510 | 54.1 |
| June 17, 1942 | 1500 | - |
| June 29, 1942 | 1500 | 54.3 |
| Jan. 7, 1943 | 1540 | 53.8 |
| Mar. 3, 1943 | 1540 | - |
| Aug. 19, 1944 | 1780 | - |
| Aug. 21, 1947 | 2250 | - |
| Feb. 16, 1956 | 2800 | 54.0 |
| May 2, 1956 | 2720 | - |
| Apr. 8, 1957 | 2700 | 54.7 |

| | | |
|----------------|------|------|
| N658. | | |
| Nov. 17, 1938 | 850 | 54.0 |
| Jan. 4, 1939 | 940 | 52.1 |
| Apr. 11, 1939 | 1010 | - |
| May 16, 1939 | 1150 | - |
| June 20, 1939 | 1880 | - |
| July 24, 1939 | 1900 | - |
| Sept. 1, 1939 | 1650 | - |
| Sept. 26, 1939 | 1950 | - |
| Oct. 27, 1939 | 1900 | - |
| Nov. 30, 1939 | 2200 | - |
| Jan. 5, 1940 | 2140 | - |
| Feb. 9, 1940 | 2100 | - |
| Mar. 6, 1940 | 2250 | - |
| Apr. 12, 1940 | 2200 | - |
| May 9, 1940 | 2250 | - |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N662. | | |
| Apr. 11, 1939 | 70 | - |
| Apr. 21, 1939 | 130 | - |
| June 20, 1939 | 137 | - |
| July 24, 1939 | 165 | - |
| Sept. 1, 1939 | 146 | - |
| Sept. 26, 1939 | 152 | - |
| Oct. 27, 1939 | 141 | - |
| Nov. 30, 1939 | 37 | - |
| Jan. 5, 1940 | 17 | - |
| Feb. 9, 1940 | 7 | - |
| Mar. 6, 1940 | 6 | - |
| May 9, 1940 | 120 | - |
| June 17, 1940 | 170 | - |
| Aug. 26, 1940 | 220 | - |
| Sept. 24, 1940 | 206 | - |
| Oct. 28, 1940 | 210 | - |
| Dec. 31, 1940 | 32 | - |
| Feb. 26, 1941 | 6 | - |
| Apr. 10, 1941 | 18 | - |
| May 15, 1941 | 92 | - |
| June 17, 1941 | 130 | - |
| July 11, 1941 | 210 | - |
| Sept. 2, 1941 | 214 | - |
| Oct. 3, 1941 | 148 | - |
| Nov. 4, 1941 | 110 | - |
| Dec. 2, 1941 | 34 | - |
| Jan. 5, 1942 | 8 | - |
| Mar. 6, 1942 | 37 | - |
| Apr. 3, 1942 | 24 | - |
| May 1, 1942 | 142 | - |
| June 29, 1942 | 227 | - |
| Jan. 7, 1943 | 6 | - |
| Mar. 3, 1943 | 6 | - |
| July 30, 1943 | 297 | - |
| Aug. 19, 1944 | 264 | - |
| Aug. 21, 1944 | 275 | - |
| Mar. 26, 1945 | 322 | - |
| Sept. 17, 1946 | 290 | - |
| Aug. 21, 1947 | 286 | - |
| Oct. 21, 1955 | 440 | 59.5 |
| Feb. 16, 1956 | 350 | 55.0 |
| Apr. 17, 1956 | 404 | - |
| June 20, 1956 | 404 | - |
| July 5, 1956 | 420 | - |
| Sept. 14, 1956 | 341 | 60.5 |
| Feb. 7, 1957 | 340 | - |
| Mar. 15, 1957 | 360 | - |
| Apr. 8, 1957 | 370 | - |
| June 14, 1957 | 370 | - |
| Oct. 22, 1957 | 243 | 55.0 |

| | | |
|----------------|-----|------|
| N675. | | |
| Aug. 11, 1944 | 10 | - |
| Mar. 23, 1945 | 10 | - |
| Mar. 26, 1945 | - | 55.3 |
| July 16, 1946 | 10 | - |
| July 1, 1948 | 3.8 | - |
| May 16, 1950 | 5.4 | 55.5 |
| Sept. 14, 1956 | 3.0 | 56.0 |

| | | |
|----------------|----|------|
| N693. | | |
| 1940 | 8 | - |
| 1942 | 12 | - |
| May 2, 1944 | 15 | - |
| Mar. 4, 1952 | 21 | - |
| Apr. 20, 1953 | 19 | - |
| Jan. 18, 1954 | 21 | - |
| May 18, 1954 | 19 | - |
| Aug. 4, 1954 | 20 | - |
| Dec. 27, 1954 | 19 | - |
| Mar. 2, 1955 | 20 | - |
| Sept. 15, 1959 | 20 | - |
| Oct. 19, 1960 | 20 | - |
| Feb. 27, 1962 | 21 | - |
| May 22, 1962 | - | 58.6 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N820. | | |
| Apr. 20, 1943 | 26 | - |
| July 18, 1944 | 60 | - |
| Oct. 3, 1944 | 30 | - |
| Apr. 2, 1945 | 31 | - |
| May 9, 1945 | 40 | - |
| June 22, 1945 | 33 | - |

| | | |
|---------------|-----|---|
| N821. | | |
| Apr. 20, 1943 | 15 | - |
| July 18, 1944 | 9.6 | - |
| May 9, 1945 | 11 | - |
| June 22, 1945 | 13 | - |

| | | |
|---------------|----|---|
| N822. | | |
| Apr. 20, 1943 | 32 | - |
| Oct. 3, 1944 | 49 | - |
| Jan. 2, 1945 | 79 | - |
| Apr. 2, 1945 | 36 | - |
| May 9, 1945 | 39 | - |
| June 22, 1945 | 38 | - |
| Oct. 3, 1956 | 13 | - |

| | | |
|----------------|-----|---|
| N823. | | |
| Apr. 20, 1943 | 140 | - |
| Sept. 13, 1944 | 33 | - |
| Oct. 10, 1944 | 220 | - |
| May 9, 1945 | 93 | - |
| June 22, 1945 | 86 | - |
| Aug. 14, 1951 | 46 | - |

| | | |
|---------------|-----|---|
| N824. | | |
| Mar. 9, 1943 | 4.4 | - |
| Oct. 3, 1944 | 6 | - |
| Oct. 19, 1944 | 7 | - |
| Jan. 2, 1945 | 7 | - |
| May 9, 1945 | 11 | - |
| Oct. 3, 1949 | 10 | - |

| | | |
|----------------|----|---|
| N825. | | |
| Mar. 9, 1943 | 8 | - |
| Oct. 26, 1943 | 6 | - |
| July 18, 1944 | 8 | - |
| Sept. 13, 1944 | 22 | - |
| Sept. 24, 1944 | 24 | - |
| Oct. 3, 1944 | 21 | - |
| Oct. 10, 1944 | 23 | - |
| Oct. 24, 1944 | 22 | - |
| Oct. 30, 1944 | 21 | - |
| Nov. 6, 1944 | 25 | - |
| Nov. 13, 1944 | 25 | - |
| Nov. 20, 1944 | 26 | - |
| Nov. 28, 1944 | 28 | - |
| Jan. 2, 1945 | 34 | - |
| Apr. 2, 1945 | 38 | - |
| May 9, 1945 | 43 | - |
| June 22, 1945 | 43 | - |
| July 7, 1949 | 52 | - |
| Oct. 3, 1949 | 44 | - |
| May 16, 1950 | 49 | - |
| Aug. 10, 1953 | 55 | - |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N826. | | |
| Mar. 9, 1943 | 29 | - |
| Apr. 20, 1943 | 18 | - |
| July 18, 1944 | 27 | - |
| Sept. 13, 1944 | 86 | - |
| Sept. 24, 1944 | 86 | - |
| Oct. 3, 1944 | 78 | - |
| Oct. 10, 1944 | 100 | - |
| Oct. 19, 1944 | 105 | - |
| Oct. 24, 1944 | 87 | - |
| Oct. 30, 1944 | 83 | - |
| Nov. 6, 1944 | 93 | - |
| Nov. 13, 1944 | 109 | - |
| Nov. 20, 1944 | 112 | - |
| Nov. 28, 1944 | 107 | - |
| Jan. 2, 1945 | 93 | - |
| May 9, 1945 | 150 | - |
| June 22, 1945 | 153 | - |
| Nov. 10, 1945 | 128 | - |
| July 12, 1946 | 48 | - |
| Oct. 8, 1947 | 90 | - |
| July 15, 1948 | 170 | - |
| July 7, 1949 | 196 | - |
| Oct. 3, 1949 | 200 | - |

| | | |
|---------------|----|------|
| N906. | | |
| Jan. 19, 1939 | 4 | - |
| Mar. 29, 1939 | 5 | - |
| Dec. 5, 1939 | 11 | - |
| Apr. 11, 1940 | 5 | - |
| Oct. 10, 1940 | 12 | - |
| Oct. 27, 1942 | 10 | - |
| Mar. 26, 1945 | 8 | 55.0 |
| July 18, 1946 | 15 | - |
| Jan. 17, 1949 | 4 | - |

| | | |
|----------------|-----|------|
| N1265. | | |
| Mar. 14, 1939 | 5 | 49.1 |
| Apr. 21, 1939 | 8 | 50.4 |
| June 10, 1939 | 8 | 56.5 |
| July 14, 1939 | 8 | 60.4 |
| Aug. 1, 1939 | 8 | 61.9 |
| Sept. 1, 1939 | 8 | 63.9 |
| Oct. 1, 1939 | 9 | 63.8 |
| Nov. 1, 1939 | 13 | 62.0 |
| Dec. 1, 1939 | 11 | 58.2 |
| Jan. 2, 1940 | 12 | 54.0 |
| Jan. 31, 1940 | 13 | 50.3 |
| Feb. 29, 1940 | 12 | 47.1 |
| Apr. 1, 1940 | 13 | 46.6 |
| May 1, 1940 | 17 | 48.8 |
| May 31, 1940 | 24 | 53.0 |
| July 1, 1940 | 15 | 52.8 |
| Aug. 1, 1940 | 7 | 60.5 |
| Sept. 3, 1940 | 8 | 63.0 |
| Oct. 1, 1940 | 13 | 62.9 |
| Oct. 31, 1940 | 6 | 60.5 |
| Dec. 2, 1940 | 6 | 56.4 |
| Jan. 2, 1941 | 10 | 54.0 |
| June 30, 1941 | 15 | 58.4 |
| July 31, 1941 | 16 | 61.4 |
| Aug. 29, 1941 | 13 | 63.3 |
| Sept. 30, 1941 | 10 | 61.9 |
| Oct. 31, 1941 | 10 | 62.8 |
| Dec. 1, 1941 | 10 | 58.8 |
| Jan. 2, 1942 | 10 | 55.1 |
| Jan. 30, 1942 | 9 | 51.3 |
| Feb. 27, 1942 | 9 | 48.9 |
| Mar. 31, 1942 | 8 | 49.3 |
| July 31, 1942 | 6 | 52.2 |
| Oct. 1, 1942 | 5 | 64.3 |
| Nov. 27, 1942 | 7 | 59.4 |
| Jan. 27, 1943 | 4 | 50.3 |
| Mar. 31, 1943 | 4 | 48.6 |
| Aug. 25, 1943 | 4.5 | 63.4 |
| May 29, 1944 | 4 | 56.4 |
| Sept. 4, 1944 | 5 | 62.4 |
| Dec. 6, 1944 | 5 | 55.3 |
| Mar. 1, 1945 | 6 | 47.6 |
| May 30, 1945 | 6 | 56.0 |
| Sept. 24, 1945 | 4 | 63.8 |
| Mar. 21, 1946 | 2 | 49.4 |
| June 6, 1946 | 2 | 55.4 |
| Sept. 19, 1946 | 8 | 63.0 |
| Dec. 18, 1946 | 9 | 56.1 |
| May 21, 1947 | 7 | 53.8 |
| Aug. 27, 1947 | 4 | 62.5 |
| Dec. 16, 1947 | 4.5 | 55.2 |
| Mar. 17, 1948 | 5 | 47.5 |
| June 18, 1948 | - | 56.5 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------------|----------------|------------------|
| N1265.--Continued | | |
| Sept. 10, 1948 | - | 63.2 |
| Jan. 10, 1949 | 4 | 52.4 |
| Apr. 7, 1949 | - | 51.6 |
| June 20, 1949 | - | 57.2 |
| Sept. 22, 1949 | - | 63.7 |
| Nov. 2, 1949 | - | 61.6 |
| Dec. 1, 1949 | 8 | 58.5 |
| Jan. 3, 1950 | 5 | 54.7 |
| Jan. 27, 1950 | 6 | 53.2 |
| Mar. 3, 1950 | 7 | 51.0 |
| Apr. 4, 1950 | 6 | 50.9 |
| June 16, 1950 | 6 | 57.8 |
| Nov. 1, 1950 | - | 60.8 |
| Feb. 23, 1951 | 4 | 49.4 |
| May 8, 1951 | 5 | 55.6 |
| July 31, 1951 | 3 | 61.8 |
| Nov. 20, 1951 | 6 | 58.7 |
| Mar. 5, 1952 | 8 | 50.4 |
| May 3, 1952 | 4 | 54.4 |
| Sept. 5, 1952 | 5 | 65.5 |
| Jan. 12, 1953 | 8 | 53.4 |
| Apr. 16, 1953 | 6 | 53.2 |
| July 20, 1953 | 8 | 62.0 |
| Oct. 3, 1953 | 6 | 65.6 |
| Dec. 16, 1953 | 10 | 57.3 |
| Feb. 3, 1954 | 6 | 52.0 |

| | | |
|----------------|-----|------|
| N1266. | | |
| Mar. 14, 1939 | 3 | 54.0 |
| Apr. 21, 1939 | 5 | 50.4 |
| June 10, 1939 | 5 | 55.8 |
| July 17, 1939 | 5 | 56.9 |
| Aug. 1, 1939 | 5 | 57.1 |
| Sept. 1, 1939 | 4 | 57.2 |
| Oct. 1, 1939 | 5 | 56.3 |
| Nov. 1, 1939 | 4 | 55.7 |
| Dec. 1, 1939 | 4 | 54.9 |
| Jan. 2, 1940 | 5 | 53.8 |
| Jan. 31, 1940 | 4 | 52.7 |
| Feb. 29, 1940 | 4 | 52.9 |
| Apr. 1, 1940 | 6 | 52.7 |
| May 1, 1940 | 6 | 53.9 |
| May 31, 1940 | 6 | 54.8 |
| July 1, 1940 | 5 | 55.5 |
| Aug. 1, 1940 | 10 | 57.3 |
| Oct. 1, 1940 | 5 | 57.4 |
| Oct. 31, 1940 | 4.5 | 56.1 |
| Dec. 2, 1940 | 4 | 54.7 |
| Jan. 2, 1941 | 11 | 53.9 |
| Jan. 31, 1941 | 7 | 53.8 |
| Mar. 3, 1941 | 6 | 53.4 |
| June 30, 1941 | 7 | 56.4 |
| July 31, 1941 | 6 | 56.8 |
| Aug. 29, 1941 | 5 | 56.8 |
| Sept. 30, 1941 | 5 | 57.5 |
| Oct. 31, 1941 | 5 | 56.6 |
| Dec. 1, 1941 | 5 | 55.3 |
| Jan. 2, 1942 | 5 | 54.1 |
| Jan. 30, 1942 | 4 | 52.3 |
| Mar. 3, 1942 | 4 | 52.0 |
| July 31, 1942 | 6 | 57.1 |
| Oct. 1, 1942 | 3 | 57.6 |
| Nov. 27, 1942 | 5 | 55.9 |
| Jan. 27, 1943 | 4 | 52.0 |
| Mar. 31, 1943 | 4 | 50.6 |
| Aug. 23, 1943 | 9 | 58.8 |
| May 29, 1944 | 3 | 56.6 |
| Sept. 4, 1944 | 5 | 59.7 |
| Dec. 6, 1944 | 5 | 53.9 |
| May 1, 1945 | 5 | 51.6 |
| May 30, 1945 | 6 | 55.9 |
| Sept. 24, 1945 | 4 | 59.6 |
| Mar. 21, 1946 | 2 | 52.8 |
| June 8, 1946 | 2 | 55.5 |
| Sept. 19, 1946 | 5 | 60.8 |
| Dec. 18, 1946 | 5 | 54.4 |
| May 21, 1947 | 4 | 55.0 |
| Aug. 27, 1947 | 5 | 57.7 |
| Dec. 16, 1947 | 3.5 | 53.8 |
| Mar. 17, 1948 | 4 | 51.5 |
| June 18, 1948 | - | 56.5 |
| Sept. 10, 1948 | - | 60.0 |
| Jan. 6, 1949 | - | 53.0 |
| Apr. 7, 1949 | - | 54.0 |
| June 20, 1949 | - | 57.2 |
| Sept. 22, 1949 | - | 57.7 |
| Nov. 2, 1949 | - | 56.9 |
| Dec. 1, 1949 | 4 | 55.8 |
| Jan. 3, 1950 | 5 | 54.5 |
| Jan. 27, 1950 | 6 | 54.0 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------------|----------------|------------------|
| N1266.--Continued | | |
| Mar. 3, 1950 | 5 | 51.6 |
| Apr. 4, 1950 | 8 | 52.4 |
| June 16, 1950 | 6 | 57.4 |
| Nov. 1, 1950 | - | 56.6 |
| Feb. 23, 1951 | 5 | 52.4 |
| May 8, 1951 | 4 | 56.1 |
| July 31, 1951 | 4 | 58.1 |
| Nov. 20, 1951 | 4 | 55.7 |
| Mar. 5, 1952 | 6 | 51.3 |
| May 6, 1952 | 6 | 55.1 |
| Sept. 5, 1952 | 5 | 59.7 |
| Jan. 12, 1953 | 6 | 54.0 |
| Apr. 16, 1953 | 4 | 54.8 |
| July 20, 1953 | 8 | 59.6 |
| Oct. 3, 1953 | 6 | 60.4 |
| Dec. 16, 1953 | 6 | 55.3 |
| Feb. 3, 1954 | 6 | 53.5 |

| | | |
|---------------|----|------|
| N1267. | | |
| June 10, 1939 | 6 | - |
| July 14, 1939 | 6 | - |
| Aug. 1, 1939 | 5 | - |
| Sept. 2, 1939 | 6 | - |
| May 31, 1940 | 9 | - |
| Oct. 31, 1940 | 8 | - |
| May 29, 1944 | 7 | - |
| Sept. 4, 1944 | 6 | - |
| Dec. 6, 1944 | 5 | - |
| Mar. 6, 1952 | 6 | - |
| Oct. 3, 1953 | 6 | 62.0 |
| Dec. 16, 1953 | 10 | - |
| Feb. 3, 1954 | 8 | - |

| | | |
|----------------|----|------|
| N1269. | | |
| Mar. 14, 1939 | 10 | 47.3 |
| Apr. 21, 1939 | 10 | 48.2 |
| June 10, 1939 | 10 | 55.2 |
| July 14, 1939 | 10 | 60.4 |
| Aug. 1, 1939 | 10 | 62.2 |
| Sept. 2, 1939 | 12 | 65.0 |
| Oct. 1, 1939 | 11 | 64.9 |
| Nov. 1, 1939 | 10 | 62.6 |
| Dec. 1, 1939 | 10 | 58.0 |
| Jan. 2, 1940 | 11 | 53.1 |
| Jan. 31, 1940 | 10 | 48.7 |
| Feb. 29, 1940 | - | 46.2 |
| Apr. 1, 1940 | 11 | 45.8 |
| May 1, 1940 | 12 | 47.5 |
| May 31, 1940 | 12 | 51.6 |
| July 1, 1940 | 7 | 55.8 |
| Aug. 1, 1940 | 8 | 60.2 |
| Sept. 3, 1940 | 11 | 63.8 |
| Oct. 1, 1940 | 13 | 63.3 |
| Oct. 31, 1940 | 12 | 61.0 |
| Dec. 2, 1940 | 13 | 56.8 |
| Jan. 2, 1941 | 16 | 52.6 |
| Jan. 31, 1941 | 16 | 49.3 |
| Mar. 3, 1941 | 12 | 46.6 |
| Mar. 31, 1941 | 13 | 45.4 |
| May 5, 1941 | 12 | 50.0 |
| June 3, 1941 | 14 | 54.5 |
| June 30, 1941 | 17 | 56.4 |
| July 31, 1941 | 27 | 62.2 |
| Aug. 29, 1941 | 23 | 64.5 |
| Sept. 30, 1941 | 20 | 63.7 |
| Oct. 31, 1941 | 21 | 63.2 |
| Dec. 1, 1941 | 19 | 58.8 |
| Jan. 2, 1942 | 19 | 54.5 |
| Jan. 30, 1942 | 13 | 50.9 |
| Feb. 27, 1942 | 12 | 48.4 |
| Mar. 31, 1942 | 9 | 48.6 |
| May 29, 1942 | 8 | 54.3 |
| Mar. 31, 1943 | 8 | 47.2 |
| May 29, 1944 | 11 | 53.0 |
| Sept. 5, 1944 | 8 | 64.2 |
| Dec. 6, 1944 | 8 | 56.3 |
| Mar. 1, 1945 | 5 | 46.6 |
| May 30, 1945 | 11 | 54.8 |
| Sept. 11, 1945 | 8 | 66.0 |
| Dec. 7, 1945 | 4 | 56.1 |
| Mar. 21, 1946 | 6 | 47.4 |
| June 6, 1946 | 4 | 54.8 |
| Sept. 19, 1946 | 10 | 64.2 |
| Dec. 18, 1946 | 5 | 56.9 |
| May 21, 1947 | 7 | 51.4 |
| Aug. 27, 1947 | - | 64.0 |
| Dec. 16, 1947 | 12 | 53.9 |
| Mar. 17, 1948 | 7 | 46.3 |
| June 18, 1948 | - | 56.1 |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1269.--Continued | | |
| Sept. 9, 1948 | - | 66.2 |
| Jan. 6, 1949 | - | 52.6 |
| Apr. 6, 1949 | - | 50.8 |
| June 15, 1949 | - | 57.9 |
| Sept. 22, 1949 | - | 64.3 |
| Nov. 2, 1949 | - | 61.7 |
| Dec. 1, 1949 | 12 | 58.1 |
| Jan. 3, 1950 | 8 | 53.8 |
| Jan. 27, 1950 | 6 | 52.0 |
| Mar. 3, 1950 | 6 | 47.6 |
| Apr. 4, 1950 | 8 | 48.6 |
| June 15, 1950 | 6 | 55.9 |
| Nov. 1, 1950 | 8 | 61.7 |
| Feb. 23, 1951 | 11 | 49.2 |
| May 8, 1951 | 23 | 54.0 |
| July 31, 1951 | 24 | 63.2 |
| Nov. 20, 1951 | 9 | 59.9 |
| Mar. 5, 1952 | 14 | 49.4 |
| May 7, 1952 | 30 | 52.2 |
| Sept. 5, 1952 | 18 | 66.2 |
| Jan. 13, 1953 | 8 | 43.2 |
| Apr. 16, 1953 | 18 | 51.9 |
| July 20, 1953 | 20 | 62.5 |
| Oct. 3, 1953 | 36 | 65.8 |
| Nov. 5, 1953 | 20 | 62.3 |
| Dec. 16, 1953 | 20 | 57.8 |
| Feb. 3, 1954 | 16 | 52.3 |
| Apr. 8, 1954 | 16 | 51.7 |
| June 9, 1954 | 16 | 54.6 |
| July 7, 1954 | 16 | 59.4 |
| Sept. 2, 1954 | 6 | 64.2 |
| Dec. 15, 1954 | 6 | 54.5 |
| Apr. 7, 1955 | - | 52.0 |
| July 18, 1955 | - | 60.3 |
| Oct. 12, 1955 | - | 67.0 |
| Apr. 3, 1956 | 14 | 48.6 |
| Oct. 10, 1956 | 12 | 63.5 |
| June 10, 1957 | 16 | 57.5 |
| Oct. 10, 1957 | - | 65.7 |
| May 8, 1962 | 17 | 52.8 |

| | | |
|----------------|----|------|
| N1270. | | |
| Mar. 14, 1939 | 3 | - |
| Apr. 21, 1939 | 5 | - |
| June 10, 1939 | 5 | - |
| July 14, 1939 | 6 | - |
| Feb. 27, 1942 | 5 | 54.1 |
| Mar. 31, 1942 | 7 | 54.1 |
| May 29, 1942 | 5 | 54.5 |
| Oct. 1, 1942 | 6 | 54.8 |
| Nov. 27, 1942 | 7 | 51.1 |
| Jan. 27, 1943 | 6 | 54.6 |
| Mar. 31, 1943 | 4 | 53.9 |
| May 29, 1944 | 5 | 53.8 |
| Sept. 5, 1944 | 6 | 54.7 |
| Dec. 16, 1944 | 11 | 54.6 |
| Mar. 1, 1945 | 6 | 52.2 |
| May 30, 1945 | 6 | 54.2 |
| Sept. 11, 1945 | 5 | 58.0 |
| Dec. 7, 1945 | 2 | 55.0 |
| Mar. 21, 1946 | 2 | 52.6 |
| June 6, 1946 | 2 | 54.2 |
| Sept. 19, 1946 | 5 | 57.5 |
| Dec. 18, 1946 | 5 | 55.6 |
| May 21, 1947 | 10 | 52.1 |
| Aug. 27, 1947 | 5 | 55.3 |
| Dec. 16, 1947 | 12 | 53.0 |
| Mar. 18, 1948 | 10 | 51.3 |
| June 18, 1948 | - | 55.0 |
| Sept. 9, 1948 | - | 57.0 |
| Jan. 6, 1949 | - | 54.4 |
| Apr. 6, 1949 | - | 54.8 |
| June 20, 1949 | - | 55.6 |
| Sept. 22, 1949 | - | 56.2 |
| Nov. 2, 1949 | - | 56.5 |
| Dec. 1, 1949 | 8 | 55.9 |
| Jan. 3, 1950 | 8 | 55.3 |
| Jan. 27, 1950 | 8 | 54.5 |
| Mar. 3, 1950 | 6 | 49.6 |
| Apr. 4, 1950 | 7 | 53.9 |
| June 16, 1950 | 7 | 55.6 |
| Nov. 1, 1950 | 5 | 56.4 |
| Feb. 23, 1951 | 6 | 53.3 |
| May 8, 1951 | 5 | 55.3 |
| July 31, 1951 | 4 | 57.4 |
| Nov. 20, 1951 | 9 | 56.5 |
| Mar. 5, 1952 | 6 | 54.5 |
| May 7, 1952 | 4 | 54.7 |
| Sept. 5, 1952 | 5 | 56.8 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1270.--Continued | | |
| Jan. 13, 1953 | 6 | 56.8 |
| Apr. 16, 1953 | 6 | 54.8 |
| July 20, 1953 | 8 | 58.2 |
| Oct. 3, 1953 | 8 | 57.6 |
| Nov. 5, 1953 | 6 | 56.5 |
| Dec. 16, 1953 | 14 | 56.6 |
| Feb. 3, 1954 | 8 | 54.0 |
| Apr. 8, 1954 | 8 | 56.0 |
| June 9, 1954 | 12 | 54.9 |
| Sept. 2, 1954 | 6 | 56.6 |
| Dec. 15, 1954 | 5 | 55.5 |
| Apr. 7, 1955 | - | 54.2 |
| July 18, 1955 | - | 58.3 |
| Oct. 12, 1955 | - | 61.4 |
| Oct. 10, 1956 | 4 | 58.2 |
| June 10, 1957 | 9 | 55.7 |
| May 8, 1962 | 9 | 54.8 |

| | | |
|----------------|-----|------|
| N1271. | | |
| Mar. 14, 1939 | 4 | 47.3 |
| Apr. 21, 1939 | 7 | 47.6 |
| June 10, 1939 | 16 | 52.4 |
| July 14, 1939 | 18 | 57.9 |
| Aug. 1, 1939 | 16 | 59.9 |
| Sept. 2, 1939 | 11 | 63.5 |
| Oct. 1, 1939 | 11 | 64.5 |
| Nov. 1, 1939 | 13 | 62.6 |
| Dec. 1, 1939 | 10 | 58.5 |
| Jan. 2, 1940 | 13 | 54.1 |
| Jan. 31, 1940 | 18 | 49.8 |
| Feb. 29, 1940 | 17 | 47.0 |
| Apr. 1, 1940 | 11 | 45.4 |
| May 1, 1940 | 5 | 46.7 |
| May 31, 1940 | 5 | 50.0 |
| July 1, 1940 | 3 | 54.4 |
| Aug. 1, 1940 | 6 | 58.8 |
| Sept. 3, 1940 | 10 | 62.7 |
| Oct. 1, 1940 | 10 | 63.1 |
| Oct. 31, 1940 | 12 | 61.6 |
| Dec. 2, 1940 | 10 | 57.5 |
| Jan. 2, 1941 | 8 | 53.5 |
| Jan. 31, 1941 | 11 | 49.6 |
| Mar. 3, 1941 | 6 | 46.7 |
| Mar. 31, 1941 | 9 | 45.8 |
| May 5, 1941 | 11 | 48.4 |
| June 3, 1941 | 8 | 52.3 |
| June 30, 1941 | 7 | 56.0 |
| July 31, 1941 | 4 | 59.9 |
| Aug. 29, 1941 | 9 | 63.1 |
| Sept. 30, 1941 | 12 | 62.6 |
| Oct. 31, 1941 | 12 | 63.2 |
| Dec. 1, 1941 | 9 | 59.1 |
| Jan. 2, 1942 | 10 | 53.8 |
| Jan. 30, 1942 | 13 | 50.5 |
| Feb. 27, 1942 | 12 | 46.8 |
| Mar. 31, 1942 | 10 | 46.6 |
| May 29, 1942 | 14 | 52.1 |
| July 31, 1942 | 8 | 61.6 |
| Oct. 1, 1942 | 6 | 64.3 |
| Nov. 27, 1942 | 10 | 59.2 |
| Jan. 27, 1943 | 10 | 49.7 |
| Mar. 31, 1943 | 11 | 46.2 |
| Aug. 25, 1943 | 13 | 63.1 |
| May 29, 1944 | 5 | 51.5 |
| Sept. 5, 1944 | 10 | 63.5 |
| Dec. 6, 1944 | 33 | 56.0 |
| Mar. 1, 1945 | 6 | 44.5 |
| May 30, 1945 | 10 | 57.2 |
| Sept. 24, 1945 | 10 | 63.8 |
| Dec. 7, 1945 | 4 | 56.4 |
| Mar. 21, 1946 | 4 | 46.7 |
| June 6, 1946 | 2 | 53.0 |
| Sept. 19, 1946 | 20 | 62.8 |
| Dec. 18, 1946 | 10 | 57.0 |
| May 21, 1947 | 9 | 51.0 |
| Aug. 27, 1947 | - | 63.1 |
| Dec. 16, 1947 | 6.5 | 55.5 |
| Mar. 17, 1948 | 10 | 46.0 |
| June 18, 1948 | - | 54.5 |
| Sept. 9, 1948 | - | 64.0 |
| Jan. 6, 1949 | - | 51.6 |
| Apr. 7, 1949 | - | 48.3 |
| June 15, 1949 | 16 | 55.2 |
| Sept. 22, 1949 | - | 64.3 |
| Nov. 2, 1949 | - | 62.8 |
| Dec. 1, 1949 | 14 | 59.6 |
| Jan. 3, 1950 | 9 | 54.0 |
| Jan. 27, 1950 | 8 | 52.0 |
| Mar. 3, 1950 | 7 | 45.8 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1271.--Continued | | |
| Apr. 4, 1950 | 10 | 46.6 |
| June 16, 1950 | 13 | 54.6 |
| Nov. 2, 1950 | 10 | 60.7 |
| Feb. 20, 1951 | 23 | 45.9 |
| May 28, 1951 | 20 | 51.9 |
| July 31, 1951 | 11 | 62.7 |
| Nov. 20, 1951 | 14 | 55.5 |
| Mar. 5, 1952 | 10 | 44.1 |
| May 7, 1952 | 10 | 48.4 |
| Sept. 5, 1952 | 7 | 66.7 |
| Jan. 3, 1953 | 12 | 50.0 |
| July 20, 1953 | 8 | 59.8 |
| Oct. 5, 1953 | 4 | 65.4 |
| Dec. 16, 1953 | - | 53.8 |
| Feb. 3, 1954 | 54 | 49.0 |
| Apr. 8, 1954 | 12 | 47.4 |
| June 9, 1954 | 28 | 52.5 |
| July 7, 1954 | 28 | 57.7 |
| Sept. 2, 1954 | 2 | 67.8 |
| Dec. 15, 1954 | 5 | 52.3 |
| Apr. 7, 1955 | - | 45.5 |
| July 18, 1955 | - | 61.5 |
| Apr. 3, 1956 | 7 | 43.8 |
| Oct. 10, 1956 | 12 | 61.4 |
| June 10, 1957 | 28 | 54.0 |
| May 8, 1962 | 20 | 52.3 |

| | | |
|----------------|-----|------|
| N1272. | | |
| Mar. 14, 1939 | 3 | 52.0 |
| Apr. 21, 1939 | 5 | 50.1 |
| June 10, 1939 | 5 | 54.8 |
| July 15, 1939 | 5 | 57.0 |
| Aug. 1, 1939 | 5 | 58.1 |
| Sept. 2, 1939 | 5 | 57.1 |
| Oct. 1, 1939 | 4 | 57.4 |
| Nov. 1, 1939 | 4 | 56.3 |
| Dec. 1, 1939 | 2 | 54.7 |
| Jan. 2, 1940 | 6 | 51.9 |
| Feb. 29, 1940 | 4 | - |
| May 1, 1940 | 5 | 50.7 |
| May 31, 1940 | 5 | - |
| July 1, 1940 | 4 | - |
| Aug. 1, 1940 | 4 | - |
| Sept. 3, 1940 | 6 | - |
| Oct. 1, 1940 | 6 | - |
| Oct. 31, 1940 | 7 | - |
| Feb. 27, 1942 | 4 | 54.0 |
| Mar. 31, 1942 | 4 | 52.3 |
| May 29, 1942 | 11 | 52.2 |
| July 31, 1942 | 5 | 54.3 |
| Oct. 1, 1942 | 5 | 57.4 |
| Nov. 27, 1942 | 4 | 57.7 |
| Jan. 27, 1943 | 6 | 55.1 |
| Mar. 31, 1943 | 9 | 52.2 |
| Aug. 25, 1943 | 10 | 55.8 |
| May 29, 1944 | 7 | 51.6 |
| Sept. 5, 1944 | 6 | 56.0 |
| Dec. 6, 1944 | 5 | 56.1 |
| Mar. 1, 1945 | 6 | 52.0 |
| May 30, 1945 | 6 | 52.1 |
| Sept. 24, 1945 | 7 | 57.0 |
| Dec. 7, 1945 | 4 | 56.4 |
| Mar. 21, 1946 | 6 | 51.0 |
| June 6, 1946 | 2 | 51.9 |
| Sept. 19, 1946 | 5 | 57.3 |
| Dec. 18, 1946 | 5 | 56.6 |
| May 21, 1947 | 10 | 52.2 |
| Aug. 27, 1947 | - | 55.3 |
| Dec. 16, 1947 | 9.5 | 56.3 |
| Mar. 17, 1948 | 10 | 51.0 |
| June 18, 1948 | - | 52.5 |
| Sept. 9, 1948 | - | 56.5 |
| Jan. 6, 1949 | - | 54.4 |
| Apr. 4, 1949 | - | 52.6 |
| June 15, 1949 | - | 53.3 |
| Sept. 22, 1949 | - | 56.8 |
| Nov. 2, 1949 | - | 57.6 |
| Dec. 1, 1949 | - | 57.4 |
| Jan. 3, 1950 | 12 | 56.2 |
| Jan. 27, 1950 | 13 | 54.8 |
| Mar. 3, 1950 | 13 | 52.2 |
| Apr. 4, 1950 | 13 | 52.5 |
| June 16, 1950 | 13 | 54.0 |
| Nov. 2, 1950 | 14 | 56.3 |
| Feb. 20, 1951 | 13 | 52.0 |
| May 8, 1951 | 12 | 51.5 |
| July 31, 1951 | 13 | 55.7 |
| Nov. 20, 1951 | 9 | 57.3 |
| Mar. 5, 1952 | 20 | 50.8 |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1272.--Continued | | |
| May 7, 1952 | 22 | 50.0 |
| Sept. 5, 1952 | 34 | 57.8 |
| Jan. 13, 1953 | 36 | 55.8 |
| July 20, 1953 | 20 | 54.2 |
| Oct. 5, 1953 | 30 | 57.8 |
| Dec. 16, 1953 | 20 | 56.0 |
| Feb. 3, 1954 | 20 | 53.0 |
| Apr. 8, 1954 | 16 | 51.9 |

| | | |
|----------------|----|------|
| N1273. | | |
| Nov. 1, 1939 | 23 | 59.2 |
| Dec. 4, 1939 | 14 | 54.9 |
| Jan. 2, 1940 | 16 | 51.5 |
| Jan. 31, 1940 | 14 | 48.1 |
| Feb. 29, 1940 | 11 | 45.9 |
| Apr. 1, 1940 | 12 | 45.7 |
| May 1, 1940 | 8 | 47.6 |
| May 31, 1940 | 10 | 51.5 |
| July 1, 1940 | 15 | 55.0 |
| Aug. 1, 1940 | 14 | 58.1 |
| Sept. 3, 1940 | 15 | 60.5 |
| Oct. 1, 1940 | 15 | 60.4 |
| Oct. 31, 1940 | 16 | 58.7 |
| Dec. 2, 1940 | 14 | 55.0 |
| Jan. 2, 1941 | 18 | 52.1 |
| Jan. 31, 1941 | 14 | 49.8 |
| Mar. 3, 1941 | 19 | 48.3 |
| Mar. 31, 1941 | 26 | 47.8 |
| May 5, 1941 | 30 | 51.0 |
| June 3, 1941 | 35 | 53.3 |
| June 30, 1941 | 15 | 55.7 |
| July 31, 1941 | 18 | 58.4 |
| Aug. 29, 1941 | 17 | 60.1 |
| Sept. 30, 1941 | 20 | 59.2 |
| Oct. 31, 1941 | 19 | 59.0 |
| Dec. 1, 1941 | 17 | 55.5 |
| Jan. 2, 1942 | 4 | 52.2 |
| Jan. 30, 1942 | 16 | 49.2 |
| Mar. 31, 1942 | 14 | 48.6 |
| May 29, 1942 | 14 | 47.6 |
| Oct. 1, 1942 | 12 | 53.3 |
| Jan. 27, 1943 | 13 | 61.6 |
| Mar. 31, 1943 | 16 | 48.9 |
| May 29, 1944 | 19 | 48.4 |
| Sept. 4, 1944 | 22 | 53.5 |
| Dec. 6, 1944 | 15 | 60.6 |
| Mar. 1, 1945 | 12 | 53.9 |
| May 30, 1945 | 20 | 46.1 |
| Sept. 11, 1945 | 20 | 53.8 |
| Dec. 7, 1945 | 4 | 61.0 |
| Mar. 21, 1946 | 6 | 54.9 |
| June 5, 1946 | 6 | 49.4 |
| Sept. 19, 1946 | 25 | 54.6 |
| Dec. 18, 1946 | 20 | 60.7 |
| May 20, 1947 | 10 | 54.5 |
| Aug. 26, 1947 | 15 | 52.3 |
| Dec. 15, 1947 | 17 | 60.6 |
| Mar. 17, 1948 | 40 | 54.5 |
| June 18, 1948 | - | 48.5 |
| Sept. 13, 1948 | - | 55.0 |
| Jan. 6, 1949 | - | 61.0 |
| Apr. 6, 1949 | - | 51.7 |
| June 15, 1949 | - | 51.2 |
| Sept. 27, 1949 | - | 56.9 |
| Nov. 2, 1949 | - | 61.4 |
| Dec. 5, 1949 | - | 60.4 |
| Jan. 3, 1950 | 18 | 55.8 |
| Jan. 27, 1950 | 15 | 53.7 |
| Mar. 2, 1950 | 15 | 51.5 |
| Apr. 4, 1950 | 16 | 48.5 |
| June 16, 1950 | 15 | 49.1 |
| Nov. 2, 1950 | 14 | 55.3 |
| Feb. 20, 1951 | 20 | 59.4 |
| May 8, 1951 | 64 | 50.0 |
| July 31, 1951 | 35 | 53.2 |
| Nov. 20, 1951 | 15 | 59.2 |
| Mar. 5, 1952 | 50 | 56.6 |
| May 7, 1952 | 42 | 50.6 |
| Sept. 5, 1952 | 37 | 52.7 |
| Jan. 13, 1953 | 20 | 61.5 |
| Apr. 16, 1953 | 12 | 51.1 |
| July 15, 1953 | 34 | 50.5 |
| Oct. 5, 1953 | 18 | 59.4 |
| Dec. 15, 1953 | 16 | 61.4 |
| Feb. 2, 1954 | 16 | 55.2 |
| Apr. 7, 1954 | 12 | 50.5 |
| June 8, 1954 | 16 | 50.7 |
| July 7, 1954 | 12 | 55.2 |
| | | 58.0 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1273.--Continued | | |
| Sept. 1, 1954 | 12 | 60.6 |
| Dec. 10, 1954 | - | 55.5 |
| Apr. 7, 1955 | - | 50.2 |
| Oct. 12, 1955 | - | 63.0 |
| Apr. 3, 1956 | 17 | 48.6 |
| June 10, 1957 | 14 | 55.4 |
| Oct. 16, 1957 | - | 60.3 |
| May 7, 1962 | 20 | 54.2 |

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| N1274. | | |
| Feb. 27, 1942 | 5 | 49.4 |
| Mar. 31, 1942 | 6 | 50.5 |
| May 29, 1942 | 5 | 53.0 |
| Nov. 27, 1942 | 5 | 46.0 |
| Jan. 27, 1943 | 4 | 50.4 |
| Mar. 31, 1943 | 5 | 51.4 |
| May 29, 1944 | 5 | 54.0 |
| Sept. 4, 1944 | 5 | 56.2 |
| Dec. 6, 1944 | 4 | 52.0 |
| Mar. 1, 1945 | 6 | 49.7 |
| May 30, 1945 | 6 | 54.0 |
| Sept. 11, 1945 | - | 58.8 |
| Dec. 7, 1945 | 2 | 52.6 |
| Feb. 21, 1946 | 2 | 51.7 |
| June 5, 1946 | 2 | 53.7 |
| Sept. 19, 1946 | 10 | 57.4 |
| Dec. 18, 1946 | 5 | 52.9 |
| May 20, 1947 | 5 | 54.4 |
| Aug. 26, 1947 | 5 | 55.9 |
| Dec. 15, 1947 | 4 | 52.5 |
| Mar. 18, 1948 | 5 | 51.3 |
| June 18, 1948 | - | 55.0 |
| Sept. 13, 1948 | - | 57.7 |
| Jan. 6, 1949 | - | 51.8 |
| Apr. 6, 1949 | - | 52.7 |
| June 15, 1949 | 10 | 55.8 |
| Sept. 15, 1949 | - | 56.8 |
| Nov. 2, 1949 | - | 55.4 |
| Dec. 5, 1949 | 6 | 54.0 |
| Jan. 3, 1950 | 6 | 54.0 |
| Jan. 27, 1950 | 8 | 52.7 |
| Mar. 2, 1950 | 7 | 52.2 |
| Apr. 4, 1950 | 7 | 53.2 |
| June 16, 1950 | 6 | 55.6 |
| Nov. 2, 1950 | 5 | 56.2 |
| Feb. 20, 1951 | 7 | 53.8 |
| May 8, 1951 | 5 | 54.7 |
| July 31, 1951 | 4 | 56.9 |
| Nov. 25, 1951 | 3 | 53.9 |
| Mar. 5, 1952 | 5 | 53.1 |
| May 7, 1952 | 3 | 54.0 |
| Sept. 5, 1952 | 6 | 55.3 |
| Jan. 13, 1953 | 8 | 52.5 |
| Apr. 16, 1953 | 6 | 53.3 |
| July 15, 1953 | 10 | 55.3 |
| Oct. 5, 1953 | 8 | 54.2 |
| Dec. 15, 1953 | 12 | 54.0 |
| Feb. 2, 1954 | 8 | 54.5 |
| Apr. 7, 1954 | 6 | 55.6 |
| June 8, 1954 | 6 | 55.8 |
| July 7, 1954 | 6 | 55.8 |
| Sept. 1, 1954 | 4 | 56.5 |
| Dec. 10, 1954 | 4 | 54.0 |
| Apr. 7, 1955 | - | 53.2 |
| July 18, 1955 | - | 56.7 |
| Oct. 12, 1955 | - | 59.0 |
| June 10, 1957 | 6 | 53.3 |
| Oct. 10, 1957 | - | 56.0 |
| May 7, 1962 | 6 | 56.0 |

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| N1275. | | |
| Nov. 1, 1939 | 6 | 62.0 |
| Dec. 1, 1939 | 5 | 57.4 |
| Jan. 2, 1940 | 5 | 53.0 |
| Jan. 31, 1940 | 4 | 48.9 |
| Feb. 29, 1940 | 3.5 | 46.2 |
| Apr. 1, 1940 | 2 | 45.1 |
| May 1, 1940 | 4 | 46.6 |
| May 31, 1940 | 8 | 48.1 |
| July 1, 1940 | 7 | 54.8 |
| Aug. 1, 1940 | 13 | 58.9 |
| Sept. 3, 1940 | 6 | 62.5 |
| Oct. 1, 1940 | 7 | 62.6 |
| Oct. 31, 1940 | 6 | 60.6 |
| Dec. 2, 1940 | 8 | 56.3 |
| Jan. 2, 1941 | 8 | 52.1 |
| Jan. 31, 1941 | 8 | 48.6 |
| Mar. 3, 1941 | 7 | 46.0 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1275.--Continued | | |
| Mar. 31, 1941 | 8 | 44.7 |
| May 5, 1941 | 8 | 47.9 |
| June 3, 1941 | 6 | 52.1 |
| June 30, 1941 | 8 | 56.2 |
| July 31, 1941 | 8 | 60.2 |
| Aug. 29, 1941 | 5 | 62.6 |
| Sept. 30, 1941 | 6 | 61.7 |
| Oct. 31, 1941 | 9 | 61.8 |
| Dec. 1, 1941 | 8 | 57.3 |
| Jan. 2, 1942 | 8 | 53.0 |
| Jan. 30, 1942 | 8 | 49.5 |
| Feb. 27, 1942 | 6.5 | 50.1 |
| Mar. 31, 1942 | 4 | 46.6 |
| May 29, 1942 | 13 | 52.7 |
| July 31, 1942 | 6 | 62.4 |
| Oct. 1, 1942 | 6 | 64.8 |
| Nov. 27, 1942 | 6 | 56.3 |
| Jan. 27, 1943 | 4 | 47.3 |
| Mar. 31, 1943 | 5 | 44.9 |
| May 30, 1944 | 5 | 51.0 |
| Sept. 4, 1944 | 8 | 62.7 |
| Dec. 6, 1944 | 6 | 54.1 |
| Mar. 1, 1945 | 6 | 42.4 |
| May 30, 1945 | 6 | 52.8 |
| Sept. 11, 1945 | 9 | 63.2 |
| Mar. 21, 1946 | 4 | 45.5 |
| June 5, 1946 | 4 | 52.8 |
| Sept. 19, 1946 | 7 | 62.4 |
| Dec. 19, 1946 | 6 | 54.8 |
| May 20, 1947 | 4 | 50.5 |
| Aug. 26, 1947 | 7 | 61.9 |
| Dec. 15, 1947 | 11 | 54.5 |
| Mar. 17, 1948 | 6 | 44.5 |
| June 18, 1948 | - | 53.3 |
| Sept. 13, 1948 | - | 63.1 |
| Jan. 6, 1949 | - | 50.5 |
| Apr. 6, 1949 | - | 56.2 |
| June 15, 1949 | 8 | 59.1 |
| Sept. 21, 1949 | - | 64.5 |
| Nov. 2, 1949 | - | 62.6 |
| Dec. 1, 1949 | 8 | 58.0 |
| Jan. 3, 1950 | 8 | 53.6 |
| Jan. 27, 1950 | 8 | 51.0 |
| Mar. 3, 1950 | 5 | 46.8 |
| Apr. 4, 1950 | 8 | 47.5 |
| June 16, 1950 | 17 | 56.4 |
| Nov. 2, 1950 | 7 | 61.4 |
| Feb. 20, 1951 | 33 | 47.5 |
| May 8, 1951 | 11 | 51.7 |
| July 31, 1951 | 13 | 62.7 |
| Nov. 20, 1951 | 6 | 59.0 |
| Mar. 5, 1952 | 6 | 46.0 |
| May 7, 1952 | 6 | 49.8 |
| Sept. 5, 1952 | 6 | 66.0 |
| Jan. 12, 1953 | 4 | 51.1 |
| Apr. 15, 1953 | 8 | 49.5 |
| Oct. 5, 1953 | 10 | 61.1 |
| Dec. 15, 1953 | 8 | 66.0 |
| Feb. 2, 1954 | 18 | 56.9 |
| Apr. 7, 1954 | 6 | 49.7 |
| June 8, 1954 | 6 | 49.3 |
| July 7, 1954 | 10 | 54.9 |
| Sept. 1, 1954 | 8 | 59.5 |
| Dec. 10, 1954 | 4 | 66.2 |
| Apr. 7, 1955 | - | 54.6 |
| Oct. 12, 1955 | - | 47.4 |
| Apr. 3, 1956 | 9 | 67.2 |
| Oct. 15, 1956 | 11 | 46.1 |
| June 10, 1957 | 12 | 63.2 |
| Oct. 10, 1957 | - | 55.2 |
| May 7, 1962 | 26 | 65.7 |
| | | 51.0 |

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| N1276 | | |
| Nov. 1, 1939 | 1450 | - |
| Dec. 1, 1939 | 1200 | - |
| Feb. 29, 1940 | 1200 | - |
| Apr. 1, 1940 | 950 | 52.8 |
| Mar. 31, 1942 | 850 | 50.0 |
| May 29, 1942 | 940 | 52.4 |
| July 31, 1942 | 980 | 52.9 |
| Oct. 1, 1942 | 900 | 55.1 |
| Nov. 27, 1942 | 910 | 54.7 |
| Jan. 27, 1943 | 860 | 52.8 |
| Mar. 31, 1943 | 770 | 50.9 |
| May 30, 1944 | 800 | 51.9 |
| Sept. 4, 1944 | 1000 | 54.2 |
| Dec. 6, 1944 | 870 | 53.7 |
| Mar. 1, 1945 | 780 | 51.0 |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1276.--Continued | | |
| May 30, 1945 | 760 | 52.3 |
| Sept. 19, 1946 | 770 | 56.4 |
| Dec. 19, 1946 | 750 | 53.5 |
| May 21, 1947 | 740 | 51.9 |
| Aug. 26, 1947 | 770 | 54.0 |
| Dec. 15, 1947 | 730 | 54.0 |
| Mar. 17, 1948 | 900 | 50.0 |
| June 18, 1948 | - | 52.5 |
| Sept. 13, 1948 | - | 55.6 |
| Jan. 6, 1949 | - | 52.2 |
| Apr. 6, 1949 | - | 50.8 |
| June 15, 1949 | - | 57.5 |
| Sept. 21, 1949 | - | 54.6 |
| Nov. 2, 1949 | - | 55.1 |
| Dec. 1, 1949 | 800 | 56.2 |
| Jan. 3, 1950 | 902 | 54.6 |
| Jan. 27, 1950 | 730 | 54.3 |
| Mar. 3, 1950 | 650 | 51.4 |
| Apr. 4, 1950 | 850 | 53.6 |
| June 16, 1950 | 570 | 54.4 |
| Nov. 2, 1950 | 1100 | 54.6 |
| Feb. 20, 1951 | 950 | 52.0 |
| May 8, 1951 | 610 | 52.0 |
| July 31, 1951 | 800 | 54.3 |
| Nov. 20, 1951 | 750 | 54.5 |
| Mar. 5, 1952 | 650 | 52.3 |
| May 7, 1952 | 700 | 51.7 |
| Sept. 5, 1952 | 650 | 55.3 |
| Jan. 12, 1953 | 800 | 54.5 |
| Apr. 15, 1953 | 600 | 52.8 |
| July 15, 1953 | 600 | 54.0 |
| Oct. 5, 1953 | 720 | 55.6 |
| Dec. 15, 1953 | 580 | 54.6 |
| Feb. 2, 1954 | 640 | 54.0 |
| Apr. 7, 1954 | 528 | 54.0 |
| June 8, 1954 | 620 | 54.1 |
| July 6, 1954 | 620 | 54.6 |
| Sept. 1, 1954 | 620 | 56.0 |
| Dec. 10, 1954 | - | 56.5 |
| Apr. 7, 1955 | - | 51.0 |
| Oct. 12, 1955 | - | 60.4 |
| Apr. 3, 1956 | 700 | 51.3 |
| Oct. 15, 1956 | 630 | 56.4 |
| June 10, 1957 | 596 | 53.2 |
| Oct. 10, 1957 | - | 58.1 |
| May 7, 1962 | 300 | 55.3 |

| | | |
|----------------|-----|------|
| N1277. | | |
| May 29, 1942 | 6 | 53.0 |
| July 31, 1942 | 5 | 53.4 |
| Oct. 1, 1942 | - | 54.0 |
| Nov. 27, 1942 | 4 | 53.2 |
| Jan. 27, 1943 | 6 | 52.3 |
| Mar. 31, 1943 | 4.5 | 51.9 |
| May 30, 1944 | 6 | 52.7 |
| Sept. 4, 1944 | 6 | 54.4 |
| Dec. 6, 1944 | - | 53.0 |
| Mar. 1, 1945 | 5 | 51.6 |
| May 30, 1945 | 6 | 52.8 |
| Sept. 11, 1945 | 5 | 54.5 |
| Mar. 21, 1946 | 2 | 52.1 |
| June 5, 1946 | 2 | 52.8 |
| Sept. 19, 1946 | 7 | 54.7 |
| Oct. 19, 1946 | 5 | 52.8 |
| May 20, 1947 | 5 | 52.7 |
| Aug. 26, 1947 | 6 | 54.2 |
| Dec. 15, 1947 | - | 53.0 |
| June 18, 1948 | - | 53.5 |
| Sept. 13, 1948 | - | 55.8 |
| Jan. 6, 1949 | - | 52.2 |
| Apr. 6, 1949 | - | 50.6 |
| June 15, 1949 | 10 | 58.1 |
| Sept. 21, 1949 | - | 55.8 |
| Nov. 2, 1949 | - | 54.6 |
| Oct. 1, 1949 | 2 | 56.2 |
| Jan. 3, 1950 | 6 | 53.5 |
| Jan. 27, 1950 | 4 | 52.6 |
| Mar. 3, 1950 | 6 | 51.1 |
| Apr. 4, 1950 | 8 | 52.1 |
| June 16, 1950 | 5 | 55.5 |
| Nov. 2, 1950 | 5 | 53.6 |
| Feb. 20, 1951 | 4 | 52.5 |
| May 8, 1951 | 4 | 52.8 |
| July 31, 1951 | 3 | 54.6 |
| Nov. 20, 1951 | 4 | 53.9 |
| Mar. 5, 1952 | 4 | 52.8 |
| May 7, 1952 | 4 | 52.5 |
| Sept. 5, 1952 | 5 | 55.3 |
| Jan. 13, 1953 | 8 | 52.9 |
| Apr. 15, 1953 | 6 | 52.8 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1277.--Continued | | |
| July 15, 1953 | 8 | 54.4 |
| Oct. 5, 1953 | 10 | 55.1 |
| Dec. 15, 1953 | 12 | 53.4 |
| Feb. 2, 1954 | 6 | 52.9 |
| Apr. 7, 1954 | 8 | 53.3 |
| June 8, 1954 | 6 | 54.3 |
| July 6, 1954 | 8 | 56.6 |
| Sept. 1, 1954 | 4 | 54.5 |
| Dec. 10, 1954 | - | 54.2 |
| Apr. 7, 1955 | - | 52.2 |
| July 18, 1955 | - | 56.6 |
| Apr. 3, 1956 | 7 | 52.7 |
| Oct. 15, 1956 | 5 | 57.0 |
| June 10, 1957 | 7 | 54.2 |
| Oct. 10, 1957 | - | 57.3 |
| May 7, 1962 | 6 | 54.8 |

| | | |
|----------------|----|------|
| N1278. | | |
| Nov. 3, 1939 | 10 | 62.1 |
| Dec. 1, 1939 | 8 | 58.5 |
| Jan. 2, 1940 | 8 | 53.4 |
| Jan. 31, 1940 | 6 | 50.9 |
| Feb. 29, 1940 | 6 | 48.2 |
| Apr. 1, 1940 | 3 | 46.7 |
| May 1, 1940 | 4 | 47.9 |
| May 31, 1940 | 4 | 50.9 |
| July 1, 1940 | 4 | 55.1 |
| Aug. 1, 1940 | 9 | 59.5 |
| Sept. 3, 1940 | 9 | 62.0 |
| Oct. 1, 1940 | 7 | 62.5 |
| Oct. 31, 1940 | 7 | 60.8 |
| Dec. 2, 1940 | 9 | 57.3 |
| Jan. 2, 1941 | 12 | 53.5 |
| Jan. 31, 1941 | 17 | 50.8 |
| Mar. 3, 1941 | 18 | 48.1 |
| Mar. 31, 1941 | - | 46.3 |
| May 5, 1941 | 20 | 49.0 |
| June 3, 1941 | 17 | 52.6 |
| June 30, 1941 | 14 | 56.2 |
| July 31, 1941 | 13 | 60.5 |
| Aug. 29, 1941 | 11 | 63.1 |
| Sept. 30, 1941 | 10 | 62.5 |
| Oct. 31, 1941 | 15 | 62.4 |
| Oct. 1, 1941 | 11 | 56.8 |
| Jan. 2, 1942 | 12 | 54.9 |
| Jan. 30, 1942 | 9 | 51.5 |
| Feb. 27, 1942 | 17 | 49.2 |
| Mar. 31, 1942 | 21 | 48.8 |
| May 29, 1942 | 15 | 53.0 |
| July 31, 1942 | 5 | 60.7 |
| Oct. 1, 1942 | 5 | 64.2 |
| Nov. 27, 1942 | 11 | 59.1 |
| Jan. 27, 1943 | 19 | 50.6 |
| Mar. 31, 1943 | 19 | 47.2 |
| May 30, 1944 | 3 | 52.1 |
| Sept. 4, 1944 | 9 | 64.8 |
| Dec. 6, 1944 | 8 | 56.5 |
| Mar. 1, 1945 | 32 | 47.0 |
| May 30, 1945 | 5 | 52.8 |
| Sept. 11, 1945 | 9 | 63.5 |
| Dec. 7, 1945 | 2 | 56.4 |
| Mar. 21, 1946 | 4 | 47.1 |
| June 5, 1946 | 4 | 53.1 |
| Sept. 19, 1946 | 12 | 63.7 |
| Dec. 19, 1946 | 8 | 56.8 |
| May 21, 1947 | 7 | 51.5 |
| Aug. 27, 1947 | 11 | 63.3 |
| Dec. 15, 1947 | 10 | 56.0 |
| Mar. 17, 1948 | 12 | 46.5 |
| June 18, 1948 | - | 55.0 |
| Sept. 10, 1948 | - | 65.0 |
| Jan. 6, 1949 | - | 53.3 |
| Apr. 7, 1949 | - | 48.8 |
| June 20, 1949 | - | 56.8 |
| Sept. 22, 1949 | - | 64.8 |
| Nov. 2, 1949 | - | 62.9 |
| Dec. 1, 1949 | 16 | 59.2 |
| Jan. 3, 1950 | 13 | 55.0 |
| Jan. 27, 1950 | 15 | 52.7 |
| Mar. 2, 1950 | 11 | 49.1 |
| Apr. 4, 1950 | 8 | 48.9 |
| June 16, 1950 | 6 | 56.4 |
| Nov. 2, 1950 | 17 | 61.5 |
| Feb. 23, 1951 | 16 | 48.6 |
| May 8, 1951 | 25 | 52.0 |
| July 31, 1951 | 20 | 62.2 |
| Nov. 20, 1951 | 16 | 57.8 |
| Mar. 5, 1952 | 20 | 48.8 |
| May 7, 1952 | 26 | 50.5 |
| Sept. 5, 1952 | 25 | 64.9 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1278.--Continued | | |
| Jan. 13, 1953 | 20 | 53.9 |
| Apr. 15, 1953 | 14 | 50.5 |
| July 15, 1953 | 24 | 60.3 |
| Oct. 5, 1953 | 20 | 64.9 |
| Dec. 15, 1953 | 14 | 57.7 |
| Feb. 2, 1954 | 20 | 52.2 |
| Apr. 7, 1954 | 8 | 49.8 |
| June 8, 1954 | 20 | 55.3 |
| July 6, 1954 | 26 | 58.9 |
| Sept. 1, 1954 | 18 | 63.8 |
| Dec. 10, 1954 | 9 | 54.6 |
| Apr. 7, 1955 | - | 48.4 |
| July 18, 1955 | - | 61.1 |
| Apr. 3, 1956 | 18 | 47.5 |
| Oct. 15, 1956 | 18 | 61.6 |
| June 10, 1957 | 15 | 57.0 |
| Oct. 11, 1957 | - | 64.0 |
| May 7, 1962 | 14 | 51.5 |

| | | |
|----------------|-----|------|
| N1279. | | |
| Nov. 3, 1939 | 11 | 53.7 |
| Dec. 4, 1939 | 3 | 53.6 |
| Jan. 2, 1940 | 6 | 54.0 |
| Jan. 31, 1940 | 5 | 53.3 |
| Feb. 29, 1940 | - | 53.2 |
| Apr. 1, 1940 | 5 | 53.3 |
| May 1, 1940 | 4.5 | 53.4 |
| May 31, 1940 | 4 | 53.5 |
| July 1, 1940 | 4 | 53.8 |
| Aug. 1, 1940 | 4 | 54.4 |
| Sept. 3, 1940 | 6 | 54.8 |
| Oct. 1, 1940 | 4 | 54.2 |
| Oct. 31, 1940 | 4 | 53.9 |
| Dec. 2, 1940 | 4 | 53.6 |
| Jan. 2, 1941 | 5 | 53.6 |
| Jan. 31, 1941 | 11 | 53.3 |
| Mar. 3, 1941 | 6 | 53.2 |
| Mar. 31, 1941 | 5 | 53.2 |
| May 5, 1941 | 4.5 | 53.3 |
| June 3, 1941 | 5 | 53.6 |
| June 30, 1941 | 4.5 | 53.9 |
| July 31, 1941 | 6 | 54.2 |
| Aug. 29, 1941 | 5 | 54.2 |
| Sept. 30, 1941 | 7 | 53.9 |
| Oct. 31, 1941 | 5 | 55.6 |
| Dec. 1, 1941 | 5 | 53.8 |
| Jan. 2, 1942 | 4.5 | 53.3 |
| Jan. 30, 1942 | 4 | 53.1 |
| Feb. 27, 1942 | 4 | 52.3 |
| Mar. 31, 1942 | 3 | 53.0 |
| May 29, 1942 | 6 | 54.1 |
| July 31, 1942 | 5 | 54.7 |
| Oct. 1, 1942 | 5 | 55.1 |
| Nov. 27, 1942 | 4 | 54.4 |
| Jan. 27, 1943 | 15 | 52.4 |
| Mar. 31, 1943 | 4 | 51.8 |
| May 30, 1944 | 4 | 53.8 |
| Sept. 4, 1944 | 7 | 56.0 |
| Dec. 6, 1944 | 5 | 54.2 |
| Mar. 1, 1945 | 6 | 51.2 |
| May 30, 1945 | 5 | 53.4 |
| Sept. 11, 1945 | 4 | 56.1 |
| Dec. 7, 1945 | 2 | 54.6 |
| Mar. 21, 1946 | 2 | 51.6 |
| June 5, 1946 | 2 | 53.5 |
| Sept. 19, 1946 | 3 | 56.3 |
| Dec. 19, 1946 | 3 | 53.8 |
| May 21, 1947 | 3 | 53.5 |
| Aug. 27, 1947 | 5 | 55.1 |
| Dec. 15, 1947 | 6 | 55.5 |
| Mar. 17, 1948 | 4 | 51.5 |
| June 18, 1948 | - | 54.5 |
| Sept. 10, 1948 | - | 57.6 |
| Jan. 6, 1949 | - | 53.7 |
| Apr. 7, 1949 | 6 | 53.2 |
| June 20, 1949 | - | 54.2 |
| Sept. 22, 1949 | - | 55.4 |
| Nov. 2, 1949 | - | 55.0 |
| Dec. 1, 1949 | 4 | 56.7 |
| Jan. 3, 1950 | 6 | 54.2 |
| Jan. 27, 1950 | 7 | 54.2 |
| Mar. 2, 1950 | 5 | 52.2 |
| Apr. 4, 1950 | 6 | 53.7 |
| June 16, 1950 | 6 | 55.3 |
| Nov. 2, 1950 | 6 | 55.3 |
| Feb. 23, 1951 | 4 | 52.5 |
| May 8, 1951 | 7 | 53.5 |
| July 31, 1951 | 6 | 55.0 |
| Nov. 20, 1951 | 4 | 55.0 |
| Mar. 5, 1952 | 5 | 53.6 |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| NI279.--Continued | | |
| May 7, 1952 | 5 | 53.9 |
| Sept. 5, 1952 | 5 | 55.7 |
| Jan. 13, 1953 | 6 | 53.2 |
| Apr. 15, 1953 | 6 | 53.5 |
| July 15, 1953 | 8 | 54.7 |
| Oct. 5, 1953 | 8 | 55.0 |
| Dec. 15, 1953 | 12 | 54.2 |
| Feb. 2, 1954 | 6 | 54.0 |
| Apr. 7, 1954 | 6 | 54.0 |
| June 8, 1954 | 6 | 55.3 |
| July 6, 1954 | 6 | 55.8 |
| Sept. 1, 1954 | 4 | 55.3 |
| Dec. 10, 1954 | 4 | 55.0 |
| Apr. 7, 1955 | - | 51.8 |
| July 18, 1955 | - | 56.1 |
| Apr. 3, 1956 | 7 | - |
| Oct. 15, 1956 | 5 | 56.9 |
| June 11, 1957 | 5 | 54.7 |
| Oct. 11, 1957 | - | 58.9 |
| May 7, 1962 | 5 | 54.4 |

| | | |
|----------------|-----|------|
| NI280. | | |
| Jan. 2, 1940 | 10 | 54.2 |
| Jan. 31, 1940 | 7 | 53.1 |
| Feb. 29, 1940 | 6 | 52.5 |
| Apr. 1, 1940 | 6 | 51.4 |
| May 1, 1940 | 6 | 50.8 |
| May 31, 1940 | 6 | 50.7 |
| July 1, 1940 | 6 | 50.9 |
| Aug. 1, 1940 | 6 | 52.7 |
| Oct. 1, 1940 | 5 | 53.7 |
| Oct. 31, 1940 | 5 | 53.6 |
| Dec. 2, 1940 | 6.5 | 53.5 |
| Jan. 2, 1941 | 9 | 53.3 |
| Jan. 31, 1941 | 9 | 52.6 |
| Mar. 3, 1941 | 8 | 51.7 |
| Mar. 31, 1941 | 7 | 51.2 |
| May 5, 1941 | 6 | 50.8 |
| June 3, 1941 | 4.5 | 50.8 |
| June 30, 1941 | 9 | 51.2 |
| July 31, 1941 | 6 | 52.2 |
| Aug. 29, 1941 | 6 | 54.0 |
| Oct. 31, 1941 | 6 | 54.3 |
| Dec. 1, 1941 | 5 | 54.6 |
| Jan. 2, 1942 | 6 | 54.0 |
| Jan. 30, 1942 | 5 | 53.1 |
| Feb. 27, 1942 | 15 | 49.7 |
| Mar. 31, 1942 | 4 | 50.1 |
| May 29, 1942 | 5 | 51.3 |
| Mar. 31, 1943 | 5 | 50.0 |
| May 30, 1944 | 8 | 51.3 |
| Sept. 4, 1944 | 8 | 53.8 |
| Dec. 6, 1944 | 13 | 54.1 |
| Mar. 1, 1945 | 7 | 50.6 |
| May 30, 1945 | 9 | 52.1 |
| Sept. 11, 1945 | 7 | 54.3 |
| Dec. 7, 1945 | 2 | 53.8 |
| Mar. 21, 1946 | 4 | 51.1 |
| June 5, 1946 | 2 | 51.4 |
| Sept. 19, 1946 | 5 | 55.5 |
| Dec. 19, 1946 | 4 | 54.3 |
| May 21, 1947 | 4 | 51.8 |
| Aug. 27, 1947 | 7 | 53.6 |
| Dec. 15, 1947 | 9 | 54.5 |
| Mar. 17, 1948 | 5 | 51.8 |
| June 18, 1948 | - | 52.8 |
| Sept. 10, 1948 | - | 56.0 |
| Jan. 6, 1949 | 8 | 53.4 |
| Apr. 7, 1949 | 6 | 52.4 |
| June 20, 1949 | 4 | 52.6 |
| Sept. 27, 1949 | - | 56.0 |
| Nov. 2, 1949 | - | 56.3 |
| Dec. 1, 1949 | - | 55.3 |
| Jan. 3, 1950 | 12 | 55.0 |
| Jan. 27, 1950 | 13 | 54.0 |
| Mar. 2, 1950 | 11 | 51.8 |
| Apr. 4, 1950 | 10 | 52.6 |
| June 16, 1950 | 7 | 54.8 |
| Nov. 2, 1950 | 10 | 54.6 |
| Feb. 23, 1951 | 11 | 51.2 |
| May 8, 1951 | 11 | 52.7 |
| July 31, 1951 | 8 | 54.1 |
| Nov. 20, 1951 | 8 | 55.2 |
| Mar. 5, 1952 | 8 | 52.5 |
| May 7, 1952 | 8 | 52.4 |
| Sept. 5, 1952 | 6 | 57.1 |
| Jan. 13, 1953 | 10 | 53.1 |
| Apr. 15, 1953 | 12 | 53.5 |
| July 14, 1953 | 10 | 54.2 |
| Oct. 5, 1953 | 12 | 55.9 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| NI280.--Continued | | |
| Dec. 15, 1953 | 10 | 55.9 |
| Feb. 2, 1954 | 12 | 54.8 |
| Apr. 7, 1954 | 14 | 53.9 |
| June 8, 1954 | 18 | 54.4 |
| July 6, 1954 | 16 | 55.2 |
| Sept. 1, 1954 | 14 | 56.1 |
| Dec. 10, 1954 | 14 | 54.1 |
| Oct. 12, 1955 | - | 59.2 |

| | | |
|----------------|-----|------|
| NI281. | | |
| Nov. 3, 1939 | 5 | 52.4 |
| Dec. 4, 1939 | 4 | 52.5 |
| Jan. 2, 1940 | 6 | 52.1 |
| Jan. 31, 1940 | 4.5 | 52.0 |
| Feb. 29, 1940 | 5 | 51.7 |
| Apr. 1, 1940 | 5 | 51.9 |
| May 1, 1940 | 5 | 51.9 |
| May 31, 1940 | 4 | 51.9 |
| July 1, 1940 | 5 | 52.1 |
| Aug. 1, 1940 | 5 | 52.7 |
| Sept. 3, 1940 | 6 | 52.7 |
| Oct. 1, 1940 | 4.5 | 52.7 |
| Oct. 31, 1940 | 4.5 | 52.3 |
| Dec. 2, 1940 | 4 | 52.1 |
| Jan. 2, 1941 | 7 | 52.0 |
| Jan. 31, 1941 | 7 | 51.9 |
| Mar. 3, 1941 | 7 | 51.8 |
| Mar. 31, 1941 | 7 | 51.8 |
| May 5, 1941 | 6 | 51.9 |
| June 3, 1941 | 6 | 52.1 |
| June 30, 1941 | 7 | 52.2 |
| July 31, 1941 | 6 | 52.6 |
| Aug. 29, 1941 | 6 | 52.6 |
| Oct. 31, 1941 | 6 | 53.2 |
| Dec. 1, 1941 | 5 | 52.6 |
| Jan. 2, 1942 | 7 | 52.3 |
| Jan. 30, 1942 | 6 | 51.5 |
| Feb. 27, 1942 | 6 | 49.5 |
| Mar. 31, 1942 | 6 | 51.1 |
| May 29, 1942 | 5 | 52.3 |
| Nov. 27, 1942 | 4 | 53.1 |
| Jan. 27, 1943 | 5 | 50.9 |
| Mar. 31, 1943 | 4.5 | 49.6 |
| May 30, 1944 | 6 | 52.1 |
| Sept. 4, 1944 | 6 | 53.1 |
| Dec. 6, 1944 | 17 | 53.0 |
| Mar. 1, 1945 | 5 | 50.6 |
| May 30, 1945 | 5 | 52.3 |
| Sept. 11, 1945 | 5 | 53.7 |
| Dec. 7, 1945 | 2 | 52.8 |
| Mar. 21, 1946 | 4 | 51.2 |
| June 5, 1946 | 4 | 52.1 |
| Sept. 19, 1946 | 5 | 54.0 |
| Dec. 19, 1946 | 5 | 52.4 |
| May 21, 1947 | 5 | 52.3 |
| Aug. 27, 1947 | 5 | 53.1 |
| Dec. 15, 1947 | 8 | 53.0 |
| Mar. 17, 1948 | 5 | 51.3 |
| June 18, 1948 | - | 53.5 |
| Sept. 10, 1948 | - | 54.8 |
| Jan. 6, 1949 | 5 | 52.9 |
| Apr. 7, 1949 | 5 | 52.4 |
| June 20, 1949 | - | 52.7 |
| Sept. 27, 1949 | - | 55.8 |
| Nov. 2, 1949 | - | 53.6 |
| Dec. 1, 1949 | 14 | 53.7 |
| Jan. 3, 1950 | 9 | 53.1 |
| Jan. 27, 1950 | 9 | 52.8 |
| Mar. 2, 1950 | 7 | 51.9 |
| Apr. 4, 1950 | 6 | 52.7 |
| June 16, 1950 | 6 | 54.8 |
| Nov. 2, 1950 | 6 | 53.8 |
| Feb. 23, 1951 | 6 | 51.0 |
| May 8, 1951 | 6 | 53.0 |
| July 31, 1951 | 3 | 53.7 |
| Nov. 20, 1951 | 6 | 53.2 |
| Mar. 5, 1952 | 8 | 52.8 |
| May 7, 1952 | - | 52.8 |
| Sept. 5, 1952 | 3 | 54.2 |
| Jan. 13, 1953 | 6 | 53.7 |
| Apr. 15, 1953 | 8 | 53.5 |
| July 14, 1953 | 10 | 53.8 |
| Oct. 15, 1953 | 10 | 53.5 |
| Feb. 2, 1954 | 6 | 53.5 |
| Apr. 7, 1954 | 6 | 53.7 |
| June 8, 1954 | 8 | 54.7 |
| July 6, 1954 | 8 | 54.2 |
| Sept. 1, 1954 | 6 | 54.8 |
| Dec. 10, 1954 | 6 | 52.2 |
| Apr. 7, 1955 | - | 52.7 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| NI281.--Continued | | |
| Oct. 12, 1955 | - | 58.0 |
| Apr. 3, 1956 | 7 | - |
| Oct. 11, 1957 | - | 56.5 |
| May 7, 1962 | 9 | 54.5 |

| | | |
|----------------|------|------|
| NI282. | | |
| Nov. 1, 1939 | 6700 | - |
| Dec. 1, 1939 | 6410 | 57.5 |
| Jan. 2, 1940 | 6510 | 56.2 |
| Jan. 31, 1940 | 6510 | 55.4 |
| Feb. 29, 1940 | 6800 | 53.5 |
| Apr. 1, 1940 | 7200 | 52.5 |
| May 1, 1940 | 7000 | 52.0 |
| May 31, 1940 | 6750 | 52.1 |
| July 1, 1940 | 6850 | 50.4 |
| Aug. 1, 1940 | 7690 | 55.7 |
| Sept. 3, 1940 | 6750 | 56.0 |
| Oct. 1, 1940 | 6700 | 56.7 |
| Oct. 31, 1940 | 6900 | 57.1 |
| Dec. 2, 1940 | 6900 | 56.6 |
| Jan. 2, 1941 | 7150 | 55.9 |
| Jan. 31, 1941 | 6600 | 54.6 |
| Mar. 3, 1941 | 7050 | 53.2 |
| Mar. 31, 1941 | 6900 | 52.2 |
| May 5, 1941 | 6600 | 52.1 |
| June 3, 1941 | 6700 | 52.8 |
| June 30, 1941 | 6310 | 53.6 |
| July 31, 1941 | 6700 | 55.1 |
| Aug. 29, 1941 | 6550 | 56.2 |
| Sept. 30, 1941 | 6510 | 56.2 |
| Oct. 31, 1941 | 6260 | 57.7 |
| Dec. 1, 1941 | 6600 | 56.7 |
| Jan. 2, 1942 | 6650 | 55.5 |
| Jan. 30, 1942 | 6850 | 54.6 |
| Feb. 27, 1942 | 6750 | 52.9 |
| Mar. 31, 1942 | 6750 | 52.4 |
| May 29, 1942 | 6460 | 53.7 |
| July 31, 1942 | 6210 | 55.4 |
| Oct. 1, 1942 | 6360 | 57.3 |
| Dec. 27, 1942 | 6310 | 56.8 |
| Jan. 27, 1943 | 6210 | 53.6 |
| Mar. 31, 1943 | 6460 | 51.8 |
| May 21, 1944 | 6510 | 52.9 |
| Sept. 4, 1944 | 6260 | 57.1 |
| Dec. 6, 1944 | 6360 | 55.2 |
| Mar. 1, 1945 | 6460 | 52.0 |
| May 30, 1945 | 6260 | 53.6 |
| Sept. 11, 1945 | 6510 | 57.1 |
| Sept. 19, 1946 | 5770 | 57.7 |
| Dec. 19, 1946 | 4180 | 55.7 |
| May 20, 1947 | 5470 | 53.0 |
| Dec. 15, 1947 | 6260 | 55.3 |
| Mar. 17, 1948 | 5720 | 52.0 |
| June 18, 1948 | - | 54.5 |
| Sept. 10, 1948 | - | 56.9 |
| Jan. 6, 1949 | 6260 | 53.1 |
| Apr. 7, 1949 | 6310 | 53.2 |
| June 20, 1949 | - | 54.4 |
| Sept. 21, 1949 | - | 57.8 |
| Nov. 2, 1949 | - | 57.4 |
| Dec. 1, 1949 | 6260 | 57.0 |
| Jan. 3, 1950 | 7240 | 56.3 |
| Jan. 27, 1950 | 6600 | 54.4 |
| Mar. 3, 1950 | 6550 | 52.1 |
| Apr. 4, 1950 | 6550 | 53.2 |
| June 16, 1950 | 6600 | 54.7 |
| Nov. 2, 1950 | 5770 | 56.2 |
| Feb. 20, 1951 | 6550 | 53.0 |
| May 8, 1951 | 6750 | 54.1 |
| July 31, 1951 | 6460 | 55.8 |
| Nov. 20, 1951 | 6260 | 55.7 |
| Mar. 6, 1952 | 6550 | 52.2 |
| May 7, 1952 | 6550 | 53.2 |
| Sept. 5, 1952 | 8180 | 56.1 |
| Jan. 12, 1953 | 6160 | 54.3 |
| Apr. 16, 1953 | 8130 | 52.8 |
| July 15, 1953 | 6260 | 56.2 |
| Oct. 5, 1953 | 6160 | 57.0 |
| Dec. 15, 1953 | 6750 | 55.7 |
| Feb. 2, 1954 | 6550 | 54.3 |
| Apr. 7, 1954 | 6750 | 53.2 |
| June 9, 1954 | 6460 | 52.4 |
| July 7, 1954 | 6550 | 54.9 |
| Sept. 1, 1954 | 6650 | 56.6 |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1283 | | |
| Nov. 1, 1939 | 6460 | 54.9 |
| Dec. 1, 1939 | 6700 | 54.7 |
| Jan. 2, 1940 | 6550 | 54.6 |
| Jan. 31, 1940 | 6600 | 54.7 |
| Feb. 29, 1940 | 6750 | 54.6 |
| Apr. 1, 1940 | 6950 | 54.4 |
| May 1, 1940 | 6900 | 54.6 |
| May 31, 1940 | 6460 | 54.6 |
| July 1, 1940 | 6750 | 52.5 |
| Aug. 1, 1940 | 6750 | 56.4 |
| Sept. 3, 1940 | 6550 | 56.0 |
| Oct. 1, 1940 | 6700 | 55.2 |
| Oct. 31, 1940 | 6800 | 54.8 |
| Dec. 2, 1940 | 6700 | 54.4 |
| Jan. 2, 1941 | 6700 | 54.3 |
| Jan. 31, 1941 | 6510 | 54.0 |
| Mar. 3, 1941 | 6510 | 53.9 |
| Mar. 31, 1941 | 6360 | 54.1 |
| May 5, 1941 | 6550 | 54.5 |
| June 3, 1941 | 6460 | 55.2 |
| June 30, 1941 | 6310 | 55.6 |
| July 31, 1941 | 6550 | 55.6 |
| Aug. 29, 1941 | 6410 | 55.4 |
| Sept. 30, 1941 | 6260 | 55.1 |
| Oct. 31, 1941 | 6460 | 55.5 |
| Dec. 1, 1941 | 6110 | 54.8 |
| Jan. 2, 1942 | 6700 | 54.0 |
| Jan. 30, 1942 | 6700 | 53.1 |
| Feb. 27, 1942 | 6600 | 52.8 |
| Mar. 31, 1942 | 6410 | 53.5 |
| May 29, 1942 | 6260 | 55.2 |
| July 31, 1942 | 6110 | 55.6 |
| Oct. 1, 1942 | 6310 | 55.8 |
| Nov. 27, 1942 | 6210 | 54.6 |
| Jan. 27, 1943 | 6310 | 51.8 |
| Mar. 31, 1943 | 6360 | 52.8 |
| May 31, 1944 | 6550 | 55.1 |
| Sept. 4, 1944 | 6410 | 56.9 |
| Dec. 6, 1944 | 6260 | 53.6 |
| Mar. 1, 1945 | 6260 | 52.5 |
| May 30, 1945 | 5910 | 54.7 |
| Sept. 11, 1945 | 6460 | 56.8 |
| Sept. 19, 1946 | 5070 | 58.6 |
| Dec. 19, 1946 | 5270 | 53.6 |
| May 20, 1947 | 4970 | 54.6 |
| Dec. 15, 1947 | 6160 | 53.5 |
| Mar. 17, 1948 | 6360 | 53.0 |
| June 18, 1948 | - | 55.5 |
| Sept. 10, 1948 | - | 56.2 |
| Dec. 6, 1948 | - | 52.2 |
| Jan. 6, 1949 | 6180 | - |
| Apr. 7, 1949 | 6600 | 54.0 |
| June 20, 1949 | - | 55.3 |
| Sept. 21, 1949 | - | 55.8 |
| Nov. 2, 1949 | - | 55.0 |
| Dec. 1, 1949 | 6650 | 54.8 |
| Jan. 3, 1950 | 8030 | 54.4 |
| Jan. 27, 1950 | 7000 | 53.7 |
| Mar. 3, 1950 | 6850 | 52.4 |
| Apr. 4, 1950 | 7140 | 54.2 |
| June 16, 1950 | 6900 | 55.4 |
| Nov. 2, 1950 | 7050 | 54.8 |
| Feb. 20, 1951 | 6850 | 53.8 |
| May 8, 1951 | 6700 | 55.0 |
| July 31, 1951 | 6460 | 56.1 |
| Nov. 20, 1951 | 6750 | 53.9 |
| Mar. 6, 1952 | 6550 | 52.8 |
| May 7, 1952 | 6460 | 54.4 |
| Sept. 5, 1952 | 8910 | 55.6 |
| Jan. 12, 1953 | 6950 | 53.6 |
| Apr. 16, 1953 | 9210 | 54.0 |
| July 15, 1953 | 6850 | 56.1 |
| Oct. 5, 1953 | 6260 | 55.5 |
| Dec. 15, 1953 | 6750 | 54.4 |
| Feb. 2, 1954 | 6750 | 53.8 |
| Apr. 7, 1954 | 6550 | 54.5 |
| June 9, 1954 | 6460 | 53.8 |
| July 7, 1954 | 6360 | 56.1 |
| Sept. 1, 1954 | 7050 | 55.8 |

| Date Collection | Chloride (ppm) | Temperature (°F) |
|--------------------|-------------------|---------------------|
| N1284 | | |
| Feb. 27, 1942 | 7 | 53.1 |
| Mar. 31, 1942 | 8 | 53.3 |
| May 29, 1942 | 7 | 54.5 |
| July 31, 1942 | 5 | 54.6 |
| Oct. 1, 1942 | 6 | 54.8 |
| Nov. 27, 1942 | 8 | 54.0 |
| Jan. 27, 1943 | 13 | 52.6 |
| Mar. 31, 1943 | 9 | 52.9 |
| May 31, 1944 | 5 | 54.6 |
| Sept. 4, 1944 | 7 | 55.6 |
| Dec. 6, 1944 | 11 | 53.9 |
| Mar. 1, 1945 | 8 | 52.9 |
| May 30, 1945 | 5 | 54.1 |
| Sept. 11, 1945 | 6 | 54.9 |
| Mar. 21, 1946 | 2 | 53.6 |
| June 5, 1946 | 2 | 54.1 |
| Sept. 19, 1946 | 5 | 55.9 |
| Dec. 19, 1946 | 3 | 53.4 |
| May 20, 1947 | 5 | 54.3 |
| Aug. 26, 1947 | 6 | 58.7 |
| Dec. 15, 1947 | 7 | 53.5 |
| Mar. 17, 1948 | 9 | 53.5 |
| June 18, 1948 | - | 54.5 |
| Sept. 10, 1948 | - | 54.7 |
| Jan. 6, 1949 | 4 | 53.8 |
| Apr. 7, 1949 | 4 | 53.8 |
| June 20, 1949 | - | 54.2 |
| Sept. 21, 1949 | - | 54.8 |
| Nov. 2, 1949 | - | 54.6 |
| Dec. 1, 1949 | - | 55.0 |
| Jan. 3, 1950 | 5 | 54.2 |
| Jan. 27, 1950 | 7 | 53.2 |
| Mar. 3, 1950 | 6 | 52.6 |
| Apr. 4, 1950 | 5 | 53.9 |
| June 16, 1950 | 5 | 54.6 |
| Nov. 2, 1950 | 6 | 54.5 |
| Feb. 20, 1951 | 6 | 54.0 |
| May 8, 1951 | 6 | 54.4 |
| July 31, 1951 | 5 | 54.6 |
| Nov. 20, 1951 | 3 | 53.8 |
| Mar. 6, 1952 | 4 | 53.3 |
| May 7, 1952 | 5 | 54.1 |
| Sept. 5, 1952 | 4 | 54.5 |
| Jan. 12, 1953 | 6 | 53.6 |
| Apr. 16, 1953 | 4 | 53.5 |
| July 15, 1953 | 6 | 55.1 |
| Oct. 5, 1953 | 8 | 55.4 |
| Dec. 15, 1953 | 8 | 53.3 |
| Feb. 2, 1954 | 8 | 53.1 |
| Apr. 7, 1954 | 8 | 52.9 |
| June 9, 1954 | 8 | 53.0 |
| July 7, 1954 | 8 | 55.6 |
| Sept. 1, 1954 | 4 | 54.7 |
| N1285 | | |
| Nov. 1, 1939 | 24 | 57.9 |
| Dec. 1, 1939 | 16 | 56.4 |
| Jan. 2, 1940 | 18 | 53.6 |
| Jan. 31, 1940 | 19 | 51.4 |
| Feb. 29, 1940 | 17 | 49.3 |
| Apr. 1, 1940 | 18 | 47.7 |
| May 1, 1940 | 23 | 47.5 |
| May 31, 1940 | 20 | 48.5 |
| June 1, 1940 | 20 | 50.6 |
| Aug. 1, 1940 | 18 | 53.4 |
| Sept. 3, 1940 | 20 | 55.4 |
| Oct. 1, 1940 | 20 | 56.2 |
| Oct. 31, 1940 | 22 | 54.7 |
| Dec. 2, 1940 | 21 | 54.7 |
| Jan. 2, 1941 | 19 | 52.6 |
| Jan. 31, 1941 | 23 | 50.7 |
| Mar. 3, 1941 | 23 | 48.8 |
| Mar. 31, 1941 | 22 | 47.4 |
| May 5, 1941 | 19 | 47.5 |
| June 3, 1941 | 23 | 49.3 |
| June 30, 1941 | 17 | 51.3 |
| July 31, 1941 | 17 | 53.4 |
| Aug. 29, 1941 | 17 | 55.4 |
| Sept. 30, 1941 | 18 | 55.1 |
| Oct. 31, 1941 | 18 | 56.9 |
| Dec. 1, 1941 | 18 | 55.6 |
| Jan. 2, 1942 | 20 | 51.4 |
| Jan. 30, 1942 | 20 | 51.4 |
| Mar. 31, 1942 | 26 | 48.1 |
| May 29, 1942 | 26 | 50.3 |
| July 31, 1942 | 26 | 54.9 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1285.--Continued | | |
| Oct. 1, 1942 | 24 | 57.4 |
| Nov. 27, 1942 | 22 | 55.6 |
| Jan. 27, 1943 | 25 | 50.0 |
| Mar. 31, 1943 | 20 | 47.4 |
| May 29, 1944 | 21 | 50.1 |
| Sept. 4, 1944 | 21 | 56.2 |
| Dec. 6, 1944 | 23 | 53.8 |
| Mar. 1, 1945 | 22 | 47.8 |
| May 30, 1945 | 22 | 52.5 |
| Dec. 7, 1945 | 6 | 54.4 |
| Mar. 21, 1946 | 4 | 47.9 |
| June 5, 1946 | 4 | 50.6 |
| Sept. 19, 1946 | 15 | 57.2 |
| Dec. 19, 1946 | 15 | 54.3 |
| May 20, 1947 | 5 | 50.1 |
| Aug. 26, 1947 | 17 | 56.5 |
| Dec. 15, 1947 | 8 | 54.0 |
| Mar. 17, 1948 | 13 | 47.5 |
| June 18, 1948 | - | 52.3 |
| Sept. 13, 1948 | - | 58.5 |
| Jan. 6, 1949 | 19 | 52.8 |
| Dec. 5, 1949 | 24 | 57.0 |
| Jan. 3, 1950 | 37 | 55.1 |
| Jan. 27, 1950 | 27 | 53.0 |
| Mar. 3, 1950 | 24 | 48.5 |
| Apr. 4, 1950 | 24 | 50.5 |
| June 16, 1950 | 25 | 54.5 |
| Nov. 2, 1950 | 18 | 59.7 |
| Feb. 20, 1951 | 22 | 50.5 |
| May 8, 1951 | 16 | 52.2 |
| July 31, 1951 | 16 | 58.1 |
| Nov. 20, 1951 | 16 | 59.9 |
| Mar. 6, 1952 | 24 | - |
| May 7, 1952 | 20 | 51.2 |
| Sept. 5, 1952 | 18 | 61.2 |
| Jan. 13, 1953 | 22 | 54.4 |
| Apr. 15, 1953 | 24 | 53.0 |
| July 15, 1953 | 22 | 58.4 |
| Oct. 5, 1953 | 22 | 61.7 |
| Dec. 15, 1953 | - | 58.1 |
| Feb. 2, 1954 | 14 | 54.8 |
| Apr. 7, 1954 | 20 | 51.9 |
| June 8, 1954 | 20 | 54.8 |
| July 6, 1954 | 22 | 57.8 |
| Sept. 1, 1954 | 20 | 61.5 |
| Dec. 10, 1954 | 22 | 55.1 |
| Apr. 7, 1955 | - | 50.7 |
| Oct. 12, 1955 | - | 64.3 |
| Apr. 3, 1956 | - | 50.1 |
| N1286 | | |
| Nov. 1, 1939 | 5 | 53.2 |
| Dec. 1, 1939 | 5 | 53.1 |
| Jan. 2, 1940 | 7 | 53.1 |
| Jan. 31, 1940 | 5 | 53.1 |
| Feb. 28, 1940 | 5 | 52.9 |
| Apr. 1, 1940 | 5 | 52.6 |
| May 1, 1940 | 5 | 52.1 |
| May 31, 1940 | 6 | 52.1 |
| July 1, 1940 | 6 | 52.2 |
| Aug. 1, 1940 | 7 | 52.6 |
| Sept. 3, 1940 | 5.5 | 52.9 |
| Oct. 1, 1940 | 6 | 52.7 |
| Oct. 31, 1940 | 6 | 52.6 |
| Dec. 2, 1940 | 5.5 | 52.6 |
| Jan. 2, 1941 | 8 | 52.6 |
| Jan. 31, 1941 | 8 | 52.5 |
| Mar. 3, 1941 | 8 | 52.3 |
| Mar. 31, 1941 | 8 | 52.1 |
| May 5, 1941 | 6 | 51.8 |
| June 3, 1941 | 5 | 52.1 |
| June 30, 1941 | 6 | 52.1 |
| July 31, 1941 | 6 | 52.4 |
| Aug. 29, 1941 | 6 | 52.4 |
| Sept. 30, 1941 | 6 | 52.0 |
| Oct. 31, 1941 | 6 | 53.6 |
| Dec. 1, 1941 | 9 | 52.6 |
| Jan. 2, 1942 | 8 | 52.3 |
| Jan. 30, 1942 | 6 | 52.1 |
| Feb. 27, 1942 | 8 | 51.9 |
| Mar. 31, 1942 | 9 | 51.6 |
| May 29, 1942 | 11 | 52.5 |
| July 31, 1942 | 15 | 52.6 |
| Oct. 1, 1942 | 12 | 53.2 |
| Nov. 27, 1942 | 12 | 53.0 |
| Jan. 27, 1943 | 15 | 51.2 |
| Mar. 31, 1943 | 15 | 51.1 |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1286--Continued | | |
| May 29, 1944 | 9 | 52.4 |
| Sept. 4, 1944 | 7 | 53.8 |
| Dec. 6, 1944 | 19 | 52.4 |
| Mar. 1, 1945 | 13 | 51.2 |
| May 30, 1945 | 10 | 52.4 |
| Sept. 24, 1945 | 6 | 54.0 |
| Dec. 7, 1945 | 4 | 52.6 |
| Mar. 21, 1946 | 4 | 50.5 |
| June 5, 1946 | 6 | 52.3 |
| Sept. 19, 1946 | 5 | 54.8 |
| Dec. 19, 1946 | 3 | 52.6 |
| May 20, 1947 | 5 | 52.1 |
| Aug. 26, 1947 | 7 | 54.3 |
| Dec. 15, 1947 | 9 | 52.5 |
| Mar. 17, 1948 | 6 | 50.8 |
| June 18, 1948 | - | 52.5 |
| Sept. 13, 1948 | - | 55.3 |
| Jan. 6, 1949 | 8 | 52.4 |
| Dec. 5, 1949 | 10 | 53.7 |
| Jan. 3, 1950 | 7 | 53.6 |
| Jan. 27, 1950 | 9 | 53.4 |
| Mar. 3, 1950 | 8 | 50.8 |
| Apr. 4, 1950 | 8 | 53.3 |
| June 16, 1950 | 6 | 54.5 |
| Nov. 2, 1950 | 7 | 55.6 |
| Feb. 20, 1951 | 8 | 52.0 |
| May 3, 1951 | 10 | 54.2 |
| July 31, 1951 | 3 | 56.0 |
| Nov. 20, 1951 | 4 | 55.1 |
| Mar. 6, 1952 | 3 | - |
| May 7, 1952 | 8 | 53.9 |
| Sept. 5, 1952 | 7 | 56.5 |
| Jan. 13, 1953 | 8 | 54.4 |
| Apr. 15, 1953 | 6 | 54.0 |
| July 15, 1953 | 8 | 56.1 |
| Oct. 5, 1953 | 8 | 56.3 |
| Dec. 15, 1953 | 10 | 55.3 |
| Feb. 2, 1954 | 6 | 54.5 |
| Apr. 7, 1954 | 8 | 54.5 |
| June 8, 1954 | 8 | 55.2 |
| July 6, 1954 | 6 | 56.2 |
| Sept. 1, 1954 | 6 | 56.8 |
| Oct. 12, 1955 | - | 59.2 |
| Apr. 3, 1956 | 8 | 54.8 |

| | | |
|----------------|----|------|
| N1287 | | |
| Feb. 27, 1942 | 5 | 51.2 |
| Mar. 31, 1942 | 5 | 51.1 |
| May 29, 1942 | 6 | 52.7 |
| July 31, 1942 | 5 | 53.4 |
| Oct. 1, 1942 | 5 | 54.0 |
| Nov. 21, 1942 | 5 | 52.9 |
| Jan. 27, 1943 | 5 | 50.8 |
| Mar. 31, 1943 | 4 | 51.0 |
| May 29, 1944 | 4 | 52.5 |
| Sept. 4, 1944 | 5 | 53.8 |
| Dec. 6, 1944 | 5 | 52.7 |
| Mar. 1, 1945 | 8 | 51.2 |
| May 30, 1945 | 7 | 52.7 |
| Sept. 24, 1945 | 8 | 54.6 |
| Dec. 7, 1945 | 2 | 52.6 |
| Mar. 21, 1946 | 2 | 51.4 |
| June 5, 1946 | 2 | 52.5 |
| Sept. 19, 1946 | 5 | 54.6 |
| Dec. 19, 1946 | 5 | 52.4 |
| May 20, 1947 | 5 | 52.5 |
| Aug. 26, 1947 | 5 | 54.0 |
| Dec. 15, 1947 | 6 | 52.5 |
| Mar. 18, 1948 | 10 | 50.8 |
| June 18, 1948 | - | 53.0 |
| Sept. 13, 1948 | - | 56.2 |
| Jan. 6, 1949 | 5 | 52.2 |
| Dec. 5, 1949 | - | 53.4 |
| Jan. 3, 1950 | 6 | 53.2 |
| Jan. 27, 1950 | 7 | 52.5 |
| Apr. 4, 1950 | 5 | 50.3 |
| June 16, 1950 | 5 | 54.6 |
| Nov. 2, 1950 | 6 | 57.0 |
| Feb. 20, 1951 | 5 | 52.0 |
| May 8, 1951 | 7 | 53.6 |
| July 31, 1951 | 2 | 56.4 |
| Nov. 20, 1951 | 3 | 54.3 |
| Mar. 6, 1952 | 6 | - |
| May 7, 1952 | 4 | 53.3 |
| Jan. 13, 1953 | 6 | 52.9 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1287--Continued | | |
| Apr. 15, 1953 | 6 | 53.5 |
| July 15, 1953 | 6 | 55.4 |
| Oct. 5, 1953 | 8 | 56.1 |
| Dec. 15, 1953 | 8 | 54.3 |
| Feb. 2, 1954 | 6 | 53.1 |
| Apr. 7, 1954 | 6 | 53.4 |
| June 8, 1954 | 8 | 54.6 |
| July 6, 1954 | 8 | 55.6 |
| Sept. 1, 1954 | 4 | 58.2 |
| Dec. 10, 1954 | 4 | 54.5 |
| Apr. 3, 1956 | 8 | 52.9 |
| Oct. 10, 1956 | - | 62.0 |
| June 10, 1957 | 6 | 55.6 |

| | | |
|----------------|----|------|
| N1288 | | |
| Nov. 1, 1939 | 13 | 60.0 |
| Dec. 1, 1939 | 14 | 58.5 |
| Jan. 2, 1940 | 13 | 55.6 |
| Jan. 31, 1940 | 14 | 52.8 |
| Feb. 29, 1940 | 14 | 50.4 |
| Apr. 1, 1940 | 21 | 48.5 |
| May 1, 1940 | 14 | 48.3 |
| May 31, 1940 | 13 | 49.5 |
| July 1, 1940 | 12 | 51.8 |
| Aug. 1, 1940 | 11 | 54.8 |
| Sept. 3, 1940 | - | 57.7 |
| Oct. 1, 1940 | 14 | 58.5 |
| Oct. 31, 1940 | 14 | 58.4 |
| Dec. 2, 1940 | 11 | 56.7 |
| Jan. 2, 1941 | 11 | 54.2 |
| Jan. 31, 1941 | 10 | 51.8 |
| Mar. 3, 1941 | 10 | 49.8 |
| Mar. 31, 1941 | 21 | 48.6 |
| May 5, 1941 | 21 | 49.1 |
| June 3, 1941 | 21 | 51.1 |
| June 30, 1941 | 21 | 53.3 |
| July 31, 1941 | 20 | 55.6 |
| Aug. 29, 1941 | 19 | 57.1 |
| Sept. 30, 1941 | 19 | 57.7 |
| Oct. 31, 1941 | 18 | 59.3 |
| Dec. 1, 1941 | 19 | 57.7 |
| Jan. 2, 1942 | 17 | 55.4 |
| Jan. 30, 1942 | 17 | 52.9 |
| Feb. 27, 1942 | 16 | 50.5 |
| Mar. 31, 1942 | 17 | 49.3 |
| May 29, 1942 | 18 | 51.3 |
| July 31, 1942 | 17 | 56.6 |
| Oct. 1, 1942 | 20 | 60.1 |
| Nov. 27, 1942 | 22 | 58.4 |
| Jan. 27, 1943 | 17 | 52.0 |
| Mar. 31, 1943 | 22 | 48.8 |
| May 29, 1944 | 12 | 51.7 |
| Sept. 5, 1944 | 15 | 59.0 |
| Dec. 6, 1944 | 15 | 56.8 |
| Mar. 1, 1945 | 19 | 48.0 |
| May 30, 1945 | 24 | 52.5 |
| Sept. 11, 1945 | 15 | 60.2 |
| Mar. 21, 1946 | 6 | 48.7 |
| June 5, 1946 | 4 | 52.6 |
| Sept. 19, 1946 | 19 | 60.6 |
| Dec. 18, 1946 | 20 | 56.7 |
| May 21, 1947 | 20 | 51.2 |
| Aug. 26, 1947 | 11 | 59.1 |
| Dec. 16, 1947 | 19 | 56.3 |
| Mar. 17, 1948 | 12 | 48.2 |
| June 18, 1948 | - | 55.0 |
| Sept. 10, 1948 | - | 61.0 |
| Jan. 6, 1949 | 14 | 53.5 |
| Apr. 6, 1949 | 15 | 50.6 |
| June 15, 1949 | 22 | 59.3 |
| Sept. 27, 1949 | - | 61.4 |
| Nov. 2, 1949 | - | 61.0 |
| Dec. 1, 1949 | 14 | 59.2 |
| Jan. 3, 1950 | 23 | 56.2 |
| Jan. 27, 1950 | 20 | 54.0 |
| Mar. 2, 1950 | 17 | 51.0 |
| Apr. 4, 1950 | 19 | 50.4 |
| June 16, 1950 | 16 | 54.6 |
| Nov. 1, 1950 | 16 | 59.6 |
| Feb. 20, 1951 | 16 | 50.0 |
| May 8, 1951 | 16 | 51.7 |
| July 31, 1951 | 13 | 58.4 |
| Nov. 20, 1951 | 16 | 59.8 |
| Mar. 5, 1952 | 20 | 50.4 |
| May 7, 1952 | 24 | 51.6 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1288--Continued | | |
| Sept. 5, 1952 | 24 | 61.4 |
| Jan. 13, 1953 | 24 | 55.3 |
| Apr. 16, 1953 | 22 | 51.5 |
| July 20, 1953 | 18 | 59.8 |
| Oct. 7, 1953 | 24 | 62.2 |
| Dec. 16, 1953 | 22 | 58.6 |
| Feb. 3, 1954 | 22 | 53.3 |
| Apr. 8, 1954 | 20 | 51.9 |
| June 9, 1954 | 30 | 53.0 |
| July 7, 1954 | 32 | 57.6 |
| Sept. 2, 1954 | 30 | 62.1 |

| | | |
|----------------|---|------|
| N1289 | | |
| Nov. 1, 1939 | 6 | 56.4 |
| Dec. 1, 1939 | 5 | 55.1 |
| Jan. 2, 1940 | 5 | 52.6 |
| Jan. 1, 1940 | 5 | - |
| Feb. 29, 1940 | 7 | - |
| July 1, 1940 | 5 | - |
| Feb. 27, 1942 | 5 | 52.3 |
| Mar. 31, 1942 | 6 | 46.6 |
| May 29, 1942 | 6 | 52.8 |
| July 31, 1942 | 6 | 54.3 |
| Oct. 1, 1942 | 5 | 57.1 |
| Nov. 27, 1942 | 6 | 55.6 |
| Jan. 27, 1943 | 5 | 51.9 |
| Mar. 31, 1943 | 4 | 51.2 |
| May 29, 1944 | 4 | 54.1 |
| Sept. 5, 1944 | 6 | 55.5 |
| Dec. 6, 1944 | 6 | 54.4 |
| Mar. 1, 1945 | 6 | 50.1 |
| May 30, 1945 | 7 | 53.9 |
| Sept. 11, 1945 | 7 | 57.9 |
| Mar. 21, 1946 | 2 | 50.5 |
| June 5, 1946 | 2 | 53.0 |
| Sept. 19, 1946 | 5 | 57.7 |
| Dec. 18, 1946 | 5 | 54.9 |
| May 21, 1947 | 5 | 52.9 |
| Dec. 16, 1947 | 9 | 54.5 |
| Mar. 17, 1948 | 5 | 50.0 |
| June 16, 1948 | - | 54.5 |
| Sept. 10, 1948 | - | 58.8 |
| Apr. 6, 1949 | 4 | 52.4 |
| June 15, 1949 | - | 54.4 |
| Sept. 27, 1949 | - | 58.5 |
| Nov. 2, 1949 | - | 57.4 |
| Dec. 1, 1949 | 8 | 56.7 |
| Jan. 3, 1950 | 7 | 55.8 |
| Jan. 27, 1950 | 7 | 55.1 |
| Mar. 2, 1950 | 6 | 52.6 |
| Apr. 4, 1950 | 7 | 52.5 |
| June 16, 1950 | 6 | 54.2 |
| Nov. 1, 1950 | 3 | 57.4 |
| Feb. 20, 1951 | 6 | 52.5 |
| May 8, 1951 | 5 | 53.2 |
| July 31, 1951 | 3 | 55.7 |
| Nov. 20, 1951 | 3 | 56.8 |
| Mar. 5, 1952 | 5 | 53.6 |
| May 7, 1952 | 4 | 53.4 |
| Sept. 5, 1952 | 4 | 57.3 |
| Jan. 13, 1953 | - | 55.5 |
| Apr. 16, 1953 | 8 | 53.8 |
| July 20, 1953 | 8 | 56.8 |
| Oct. 7, 1953 | - | 57.5 |
| Dec. 11, 1953 | - | 57.0 |
| Feb. 3, 1954 | 2 | 54.0 |
| Apr. 8, 1954 | 8 | 54.6 |
| June 9, 1954 | 8 | 53.4 |
| July 7, 1954 | 6 | 57.0 |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1290. | | |
| May 29, 1942 | 6 | 53.6 |
| July 31, 1942 | 6 | 54.7 |
| Oct. 1, 1942 | 5 | 55.2 |
| Nov. 27, 1942 | 5 | 53.6 |
| Jan. 27, 1943 | 4 | 51.3 |
| Mar. 31, 1943 | 4 | 51.0 |
| May 29, 1944 | 5 | 53.9 |
| Sept. 5, 1944 | 7 | 55.6 |
| Dec. 6, 1944 | 7 | 53.7 |
| Mar. 1, 1945 | 7 | 50.2 |
| May 30, 1945 | 6 | 53.4 |
| Sept. 11, 1945 | 6 | 55.8 |
| Mar. 21, 1946 | 2 | 51.8 |
| June 5, 1946 | 2 | 53.2 |
| Sept. 19, 1946 | 5 | 57.0 |
| Dec. 18, 1946 | 8 | 54.0 |
| May 21, 1947 | 8 | 53.1 |
| Aug. 26, 1947 | 4 | 55.0 |
| Dec. 15, 1947 | 8.5 | 53.3 |
| Mar. 17, 1948 | 4 | 51.8 |
| June 18, 1948 | - | 54.5 |
| Sept. 10, 1948 | - | 57.1 |
| Jan. 6, 1949 | 3 | 52.7 |
| Apr. 6, 1949 | 4 | 52.1 |
| June 15, 1949 | 8 | 54.5 |
| Sept. 27, 1949 | - | 55.9 |
| Nov. 2, 1949 | - | 55.8 |
| Dec. 1, 1949 | 8 | 54.9 |
| Jan. 3, 1950 | 7 | 54.2 |
| Jan. 27, 1950 | 8 | 53.3 |
| Mar. 2, 1950 | 6 | 51.8 |
| Apr. 4, 1950 | 7 | 52.6 |
| June 16, 1950 | 5 | 54.7 |
| Nov. 1, 1950 | 4 | 54.9 |
| Feb. 20, 1951 | 5 | 51.5 |
| May 8, 1951 | 6 | 53.6 |
| July 31, 1951 | 3 | 55.5 |
| Nov. 20, 1951 | 5 | 54.9 |
| Mar. 5, 1952 | 5 | 52.7 |
| May 7, 1952 | 4 | 53.6 |
| Sept. 5, 1952 | 5 | 58.5 |
| Jan. 13, 1953 | 8 | 53.7 |
| Apr. 16, 1953 | 8 | 53.5 |
| July 20, 1953 | 8 | 56.4 |
| Oct. 7, 1953 | 8 | 57.0 |
| Feb. 3, 1954 | 6 | 52.7 |
| Apr. 8, 1954 | 6 | 53.7 |
| June 9, 1954 | 6 | 53.2 |
| July 7, 1954 | 6 | 56.4 |
| Sept. 2, 1954 | 4 | 56.5 |
| N1328. | | |
| July 1, 1948 | 3.4 | - |
| May 16, 1950 | 4 | 58.7 |
| July 10, 1952 | 5.2 | 58.7 |
| Oct. 3, 1957 | 5 | - |
| Oct. 6, 1959 | 4 | - |
| Dec. 19, 1961 | 3.8 | - |
| May 29, 1962 | - | 59.1 |
| N1483. | | |
| Jan. 25, 1946 | 55 | - |
| Mar. 8, 1946 | 60 | - |
| July 7, 1955 | 2,100 | - |
| Apr. 2, 1956 | 5,470 | - |
| Dec. 20, 1956 | 5,170 | - |
| N1484. | | |
| Jan. 25, 1946 | 115 | - |
| Mar. 8, 1946 | 145 | - |
| July 7, 1955 | 88 | 56.1 |
| Apr. 2, 1956 | 104 | 56.0 |
| Oct. 3, 1956 | 90 | - |
| Dec. 20, 1956 | 100 | - |
| N1696. | | |
| Oct. 28, 1952 | 6.4 | - |
| Oct. 1, 1953 | 6.9 | 60.0 |
| Sept. 15, 1955 | 5.9 | 60.0 |
| Sept. 20, 1956 | 6.4 | 60.0 |
| Aug. 22, 1958 | 6.8 | 58.0 |
| July 6, 1959 | 6.6 | 58.0 |
| Feb. 2, 1960 | 5.8 | 58.0 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N1716. | | |
| June 5, 1941 | 9 | - |
| Mar. 24, 1945 | 4 | - |
| July 7, 1949 | 9 | - |
| Sept. 14, 1956 | 10 | 53.7 |
| Sept. 24, 1957 | 5.6 | - |
| June 23, 1958 | 6.5 | - |
| Sept. 1, 1959 | 11 | - |
| Mar. 9, 1960 | 8 | - |
| May 25, 1961 | 6 | - |
| May 31, 1962 | - | 54.2 |
| N1877. | | |
| Dec. 14, 1937 | 6 | - |
| June 23, 1938 | 6 | 53.1 |
| Mar. 29, 1939 | 6 | 52.7 |
| Jan. 5, 1940 | 6 | 52.5 |
| May 6, 1941 | 6 | 53.0 |
| Oct. 27, 1942 | 9 | - |
| Mar. 26, 1945 | 10 | 56.5 |
| July 1, 1948 | 4.8 | - |
| Aug. 29, 1951 | 6 | 55.0 |
| N1912. | | |
| May 10, 1943 | - | 51.1 |
| July 13, 1943 | - | 51.5 |
| July 25, 1944 | 8.4 | - |
| Oct. 14, 1946 | 5.6 | - |
| Nov. 25, 1946 | 6.2 | - |
| Jan. 23, 1962 | 11 | - |
| N1926. | | |
| Aug. 22, 1948 | 6.4 | - |
| Aug. 7, 1953 | 5.8 | - |
| Oct. 18, 1957 | 13 | 55.0 |
| N1927. | | |
| Sept. 2, 1943 | 8.4 | - |
| Oct. 17, 1944 | 2.4 | - |
| Apr. 9, 1945 | 6 | 69.0 |
| Dec. 6, 1945 | 2 | 68.8 |
| Sept. 17, 1946 | 8 | 69.1 |
| May 20, 1947 | 5 | 68.5 |
| Mar. 18, 1948 | 3 | 68.0 |
| Dec. 13, 1949 | 4 | 67.0 |
| Mar. 22, 1950 | 4 | 68.6 |
| June 1, 1951 | 2 | 69.4 |
| May 6, 1952 | 4 | 68.7 |
| July 14, 1953 | 8 | 69.1 |
| Aug. 16, 1954 | 3.4 | - |
| Sept. 21, 1955 | 3.8 | - |
| Mar. 29, 1960 | 2. | - |
| N1958. | | |
| Jan. 10, 1945 | 10 | - |
| Jan. 10, 1949 | 4.2 | - |
| Mar. 10, 1952 | 4.2 | - |
| Sept. 16, 1953 | 4 | - |
| Apr. 15, 1954 | 4 | - |
| Oct. 23, 1961 | 3.8 | - |
| Feb. 27, 1962 | 5 | - |
| May 22, 1962 | - | 59.8 |
| N2002. | | |
| Sept. 4, 1946 | 10 | - |
| Apr. 16, 1948 | 4.8 | - |
| July 7, 1949 | 10 | - |
| May 16, 1950 | 5 | 56.7 |
| Oct. 29, 1956 | 6 | - |
| N2028. | | |
| Apr. 1, 1947 | 4.4 | - |
| July 10, 1952 | 6.3 | - |
| Feb. 14, 1955 | 6.2 | - |
| May 1, 1956 | 7.8 | - |
| Oct. 3, 1957 | 7.4 | - |
| Apr. 7, 1960 | 7.4 | - |
| Dec. 12, 1961 | 6.4 | - |
| May 29, 1962 | - | 51.9 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N2030. | | |
| May 11, 1945 | 15 | - |
| July 7, 1949 | 15 | - |
| Sept. 14, 1956 | 15 | 56.7 |
| Apr. 30, 1957 | 14 | 52.2 |
| July 17, 1958 | 11 | - |
| Sept. 1, 1959 | 16 | - |
| Mar. 9, 1960 | 16 | - |
| Mar. 31, 1960 | 15 | - |
| May 25, 1961 | 15 | - |
| Dec. 12, 1961 | 14 | - |
| May 31, 1962 | - | 52.2 |
| N2052. | | |
| July 28, 1947 | 4.2 | - |
| July 6, 1949 | 10 | - |
| Sept. 24, 1957 | 7.4 | - |
| Jan. 10, 1958 | 11 | - |
| Mar. 9, 1960 | 7.5 | - |
| June 17, 1960 | 7 | - |
| May 25, 1961 | 8 | - |
| N2239. | | |
| Mar. 19, 1947 | 22 | - |
| June 24, 1952 | 29 | - |
| Mar. 31, 1953 | 11 | - |
| Jan. 20, 1954 | 29 | - |
| Mar. 21, 1955 | 12 | - |
| Dec. 24, 1957 | 25 | - |
| Oct. 21, 1959 | 21 | - |
| Oct. 18, 1961 | 23 | - |
| Mar. 19, 1962 | 21 | - |
| July 17, 1962 | - | 54.4 |
| N2402. | | |
| Dec. 3, 1947 | 19 | - |
| July 8, 1948 | 16 | - |
| Apr. 26, 1949 | 20 | - |
| July 27, 1949 | 17 | - |
| Nov. 2, 1949 | 21 | - |
| Jan. 21, 1952 | 12 1/2 | - |
| Mar. 30, 1953 | 13 | - |
| Mar. 10, 1954 | 13 | - |
| Oct. 8, 1954 | 13 | - |
| Nov. 9, 1954 | 15 | - |
| Mar. 12, 1957 | 17 | - |
| Mar. 22, 1957 | 16 | - |
| Nov. 4, 1957 | 17 | - |
| Jan. 25, 1960 | 16 | - |
| Feb. 3, 1960 | 17 | - |
| Oct. 5, 1961 | 17 | - |
| N2580. | | |
| July 8, 1948 | 13 | - |
| Aug. 17, 1949 | 15 | - |
| Nov. 2, 1949 | 15 | - |
| Jan. 21, 1952 | 4 1/2 | - |
| Oct. 27, 1952 | 3.4 | - |
| Mar. 1953 | 3.4 | - |
| Mar. 10, 1954 | 3.6 | - |
| Nov. 9, 1954 | 5.2 | - |
| Oct. 17, 1961 | 4.8 | - |
| July 17, 1962 | - | 52.4 |
| N2581. | | |
| Apr. 20, 1948 | - | 51.0 |
| Aug. 17, 1949 | 23 | - |
| Jan. 21, 1952 | 20 | - |
| Apr. 7, 1953 | 7 | - |
| Feb. 18, 1954 | 19 | - |
| Apr. 21, 1955 | 20 | - |
| Aug. 24, 1959 | 17.2 | - |

1/ Originally 85 ft deep. Deepened to 207 ft, Sept. 1950.

1/ Originally 66 ft deep. Deepened to 348 ft, Sept. 1950.

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) | Date of collection | Chloride (ppm) | Temperature (°F) | Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|--------------------|----------------|------------------|--------------------|----------------|------------------|
| N2747. | | | N3194. | | | N3488. | | |
| Sept. 29, 1954 | 11 | - | Feb. 17, 1949 | 4 | - | July 3, 1950 | 16 | - |
| Sept. 19, 1957 | 12 | - | Aug. 17, 1949 | 4.5 | - | Jan. 8, 1952 | 16 | - |
| Jan. 13, 1959 | 3.5 | - | Jan. 21, 1952 | 8 | - | Sept. 28, 1953 | 16 | - |
| Apr. 20, 1959 | 3.5 | - | Feb. 28, 1952 | 3.7 | - | June 2, 1954 | 18 | - |
| Feb. 11, 1960 | 15 | - | Mar. 27, 1952 | 3.9 | - | Aug. 1, 1957 | 19 | - |
| Apr. 13, 1960 | 13 | - | Apr. 7, 1952 | 3.5 | - | Feb. 16, 1960 | 19 | - |
| Feb. 29, 1961 | 10 | - | Apr. 7, 1953 | 3 | - | Aug. 31, 1960 | 26 | - |
| Jan. 10, 1962 | 14 | - | Feb. 18, 1954 | 3.6 | - | Jan. 25, 1962 | 18 | - |
| May 22, 1962 | - | 53.5 | Apr. 21, 1955 | 3.6 | - | Feb. 21, 1962 | 20 | 54.0 |
| N2790. | | | May 10, 1960 | 7.2 | - | July 20, 1962 | - | 54.4 |
| Nov. 17, 1950 | 11 | - | Nov. 16, 1961 | 7.6 | - | N3564. | | |
| Feb. 23, 1951 | 11 | 56.8 | N3312. | | | May 16, 1952 | 18 | - |
| Apr. 27, 1951 | 10 | 57.2 | Jan. 21, 1952 | 4 | - | Nov. 4, 1953 | 16 | - |
| May 31, 1951 | - | 56.8 | Apr. 7, 1953 | 4.2 | - | June 21, 1954 | 13 | - |
| June 1, 1951 | 8 | 58.4 | Feb. 18, 1954 | 5.4 | - | Nov. 15, 1955 | 17 | - |
| June 27, 1951 | 8 | 57.7 | Apr. 21, 1955 | 5.2 | - | June 26, 1957 | 20 | - |
| Aug. 2, 1951 | 7 | - | Mar. 8, 1956 | 5.4 | - | July 1, 1959 | 19 | - |
| Aug. 3, 1951 | 7 | 58.2 | Nov. 18, 1957 | 6.8 | - | Aug. 13, 1959 | 16 | - |
| Sept. 27, 1951 | 7 | 57.6 | Jan. 25, 1960 | 7 | - | July 17, 1962 | - | 53.3 |
| Oct. 30, 1951 | - | 56.6 | Jan. 16, 1961 | 7.8 | - | N3672. | | |
| Oct. 31, 1951 | 6 | 57.4 | Feb. 21, 1962 | 8 | - | July 17, 1952 | 5.1 | - |
| Nov. 27, 1951 | 7 | 55.6 | July 17, 1962 | - | 52.5 | Feb. 20, 1956 | 8.8 | - |
| Nov. 19, 1952 | 6 | - | N3313. | | | May 22, 1956 | 4.2 | - |
| Feb. 19, 1953 | 8 | - | Jan. 21, 1952 | 16 | - | Sept. 26, 1957 | 9.2 | - |
| Mar. 12, 1953 | 6 | - | Mar. 31, 1953 | 13 | - | Feb. 11, 1959 | 10 | - |
| Apr. 16, 1953 | 6 | - | Mar. 10, 1954 | 14 | - | Oct. 14, 1959 | 7.5 | - |
| June 15, 1953 | 10 | - | Dec. 5, 1955 | 15 | - | Feb. 25, 1960 | 8.6 | - |
| Sept. 9, 1953 | 6 | - | Aug. 29, 1959 | 13 | - | May 4, 1961 | 9.5 | - |
| Dec. 8, 1953 | 6 | 55.4 | May 10, 1960 | 14 | - | Jan. 8, 1962 | 11 | - |
| Feb. 5, 1954 | 8 | - | Oct. 9, 1961 | 17 | - | May 29, 1962 | - | 53.0 |
| Apr. 12, 1954 | 6 | - | Jan. 15, 1962 | 18 | - | N3687. | | |
| May 12, 1954 | 4 | - | N3327. | | | Nov. 20, 1951 | 6 | 68.8 |
| June 10, 1954 | 4 | 54.0 | Jan. 18, 1952 | 3 | - | Feb. 26, 1952 | 4.4 | - |
| June 24, 1954 | 12 | 55.5 | Apr. 28, 1953 | 3.8 | - | Sept. 11, 1952 | 6 | 69.5 |
| July 19, 1954 | 5 | 58.9 | May 5, 1954 | 3.8 | - | Mar. 14, 1953 | 10 | - |
| Aug. 6, 1954 | 8 | - | Dec. 7, 1955 | 5.2 | - | July 14, 1953 | 6 | 69.6 |
| Aug. 26, 1954 | 7 | 58.0 | Aug. 5, 1958 | 7.0 | - | Mar. 24, 1954 | 4.6 | - |
| Sept. 28, 1954 | 12 | - | Aug. 25, 1960 | 4.8 | - | Sept. 3, 1954 | 8 | 69.7 |
| Feb. 7, 1955 | - | 55.2 | Nov. 10, 1961 | 5.2 | - | Sept. 25, 1958 | 6 | - |
| Mar. 3, 1955 | - | 54.8 | Mar. 1, 1962 | 4.8 | - | Aug. 20, 1959 | 8 | 69.8 |
| May 4, 1956 | 5 | - | N3456. | | | Mar. 1960 | 4.8 | - |
| June 13, 1956 | 4 | - | Mar. 13, 1952 | 6.4 | - | Apr. 5, 1960 | 4.8 | - |
| July 10, 1956 | 5 | - | Apr. 24, 1952 | 6.2 | - | June 1, 1960 | 6 | 69.7 |
| Mar. 22, 1957 | 4 | - | Mar. 23, 1953 | 7 | - | Nov 6, 1961 | 3.6 | - |
| Apr. 18, 1957 | 5 | - | Mar. 17, 1954 | 7.6 | - | Feb. 1, 1962 | 5.4 | - |
| Sept. 20, 1957 | 6 | - | Nov. 6, 1957 | 14 | - | Feb. 20, 1962 | - | 69.6 |
| Nov. 19, 1957 | 6 | - | Apr. 2, 1958 | 13 | - | N3697. | | |
| July 30, 1958 | 6 | - | May 9, 1960 | 13 | - | Oct. 28, 1952 | 4.7 | - |
| Apr. 1959 | 6 | - | Mar. 1, 1961 | 17 | - | Oct. 1, 1953 | 7.2 | 60.0 |
| Nov. 9, 1959 | 6 | - | Oct. 26, 1961 | 16 | - | Oct. 2, 1957 | 5.1 | 64.0 |
| Mar. 1, 1960 | 6 | - | July 17, 1962 | - | 54.4 | Aug. 22, 1958 | 5 | - |
| June 16, 1960 | 3 | 59.0 | N3457. | | | Feb. 2, 1960 | 4.5 | 58.0 |
| Sept. 26, 1961 | 4 | - | Mar. 13, 1952 | 4.8 | - | N3704. | | |
| Apr. 11, 1962 | 4.5 | - | Mar. 23, 1953 | 4 | - | Jan. 9, 1952 | 8.4 | - |
| Aug. 1, 1962 | - | 59.2 | Mar. 17, 1954 | 4.2 | - | Mar. 26, 1952 | 9.3 | - |
| N3185. | | | Nov. 6, 1957 | 5.4 | - | Mar. 31, 1953 | 11 | - |
| Jan. 15, 1952 | 8 | - | Apr. 2, 1958 | 5 | - | Jan. 27, 1954 | 12 | - |
| July 31, 1952 | 14 | - | Mar. 9, 1960 | 5.2 | - | Sept. 12, 1955 | 11 | - |
| Sept. 7, 1954 | 11 | - | Nov. 2, 1961 | 5.4 | - | Dec. 24, 1957 | 13 | - |
| Jan. 11, 1955 | 11 | - | N3465. | | | Oct. 21, 1959 | 14 | - |
| Oct. 7, 1957 | 15 | - | Apr. 24, 1952 | 3.6 | - | Oct. 18, 1961 | 12 | - |
| May 1, 1959 | 12 | - | Mar. 26, 1953 | 4.6 | - | July 17, 1962 | - | 54.2 |
| Mar. 10, 1960 | 15 | - | Mar. 17, 1954 | 5.8 | - | N3708. | | |
| May 8, 1961 | 17 | - | Nov. 6, 1957 | 7.2 | - | Mar. 2, 1951 | 12 | - |
| Jan. 3, 1962 | 21 | - | Apr. 2, 1958 | 8.4 | - | Mar. 31, 1951 | 138 | - |
| N3193. | | | Mar. 9, 1960 | 6.8 | - | May 5, 1951 | 14 | - |
| July 28, 1949 | 5 | - | Oct. 17, 1961 | 8 | - | May 26, 1951 | 106 | - |
| Mar. 1, 1953 | 9.2 | - | July 17, 1962 | - | 53.8 | June 30, 1951 | 90 | - |
| Mar. 10, 1954 | 8.8 | - | N3708. | | | July 30, 1951 | 20 | - |
| Nov. 4, 1957 | 12 | - | Mar. 2, 1951 | 12 | - | Nov. 9, 1953 | 124 | 57.8 |
| Apr. 10, 1958 | 11 | - | Mar. 31, 1951 | 138 | - | July 22, 1955 | 450 | 55.6 |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) | Date of collection | Chloride (ppm) | Temperature (°F) | Date of collection | Chloride (ppm) | Temperature (°F) |
|--|----------------|------------------|--------------------|----------------|------------------|--|----------------|------------------|
| N3709. | | | N3864. | | | N3867. | | |
| Mar. 2, 1951 | 6 | - | May 2, 1952 | 4 | - | Sept. 17, 1952 | 4 | - |
| Mar. 31, 1951 | 36 | - | Oct. 24, 1952 | 3 | 59.0 | Dec. 11, 1952 | 3.5 | - |
| May 5, 1951 | 158 | - | Feb. 18, 1953 | 6 | - | Mar. 12, 1953 | 6 | - |
| May 26, 1951 | 366 | - | Apr. 11, 1953 | 8 | - | June 15, 1953 | 8 | - |
| June 30, 1951 | 480 | - | May 15, 1953 | 6 | - | Aug. 18, 1953 | 5 | - |
| July 30, 1951 | 515 | - | July 1953 | 5 | - | Sept. 14, 1953 | 8 | - |
| Nov. 9, 1953 | 4,200 | 59.8 | Sept. 8, 1953 | 8 | - | Nov. 16, 1953 | 5 | - |
| July 25, 1955 | 3,850 | 58.3 | Oct. 20, 1953 | 5 | - | Jan. 19, 1954 | 4 | - |
| N3710. | | | Dec. 15, 1953 | 4 | - | May 12, 1954 | 6 | - |
| Mar. 31, 1951 | 14 | - | Jan. 19, 1954 | 6 | - | July 10, 1954 | 6 | - |
| May 5, 1951 | 60 | - | Apr. 6, 1954 | 5 | - | Dec. 15, 1954 | 5 | - |
| May 26, 1951 | 70 | - | May 12, 1954 | 5 | - | May 19, 1955 | 4 | - |
| June 30, 1951 | 44 | - | July 9, 1954 | 6 | - | Sept. 8, 1955 | 5 | - |
| July 30, 1951 | 102 | - | Oct. 25, 1954 | 4 | - | Dec. 30, 1955 | 3 | - |
| Nov. 9, 1953 | 24 | 61.5 | Dec. 15, 1954 | 2 | - | Apr. 30, 1956 | 5 | - |
| July 9, 1955 | - | 59.1 | Mar. 3, 1955 | 3 | - | Feb. 15, 1957 | 5 | - |
| N3711. | | | May 17, 1955 | 3 | - | Apr. 15, 1957 | 4 | - |
| Mar. 31, 1951 | 7 | - | Sept. 7, 1955 | 5 | - | May 19, 1958 | 8 | - |
| May 5, 1951 | 14 | - | Oct. 3, 1955 | 2 | - | Aug. 6, 1958 | 8 | - |
| May 26, 1951 | 14 | - | Dec. 29, 1955 | 5 | - | Apr. 1959 | 6 | - |
| June 30, 1951 | 10 | - | Mar. 20, 1956 | 4 | - | July 21, 1960 | 5 | - |
| July 30, 1951 | 10 | - | June 7, 1956 | 3 | - | N3932. | | |
| Nov. 9, 1953 | 12 | 58.3 | Feb. 14, 1957 | 5 | - | Nov. 24, 1952 | 7 | 56.5 |
| July 19, 1955 | 6 | 62.0 | Apr. 12, 1957 | 5 | - | Feb. 19, 1953 | 12 | - |
| N3861. | | | Nov. 8, 1957 | 5 | - | June 15, 1953 | 6 | - |
| Oct. 10, 1952 | 15,300 | 60.0 | May 26, 1958 | 4 | - | Aug. 12, 1953 | 3 | - |
| May 13, 1953 | 15,200 | - | Aug. 4, 1958 | 6 | - | Oct. 22, 1953 | 5 | - |
| May 18, 1953 | 16,700 | - | Mar. 17, 1959 | 6 | - | Dec. 7, 1953 | 4 | 56.0 |
| June 15, 1953 | 15,700 | - | N3865. | | | Feb. 5, 1954 | 4 | 56.3 |
| Aug. 12, 1953 | 16,200 | 56.8 | July 31, 1952 | 7 | - | Apr. 7, 1954 | 8 | - |
| Dec. 7, 1953 | 15,300 | 56.9 | Oct. 20, 1952 | 2 | - | July 20, 1954 | 6 | 57.9 |
| Feb. 5, 1954 | 15,700 | 59.2 | Nov. 18, 1952 | 3 | 58.5 | Mar. 7, 1955 | 2 | - |
| May 13, 1954 | 15,800 | - | Feb. 18, 1953 | 8 | - | Aug. 5, 1955 | 4 | - |
| July 9, 1954 | 15,700 | - | May 16, 1953 | 8 | - | Nov. 21, 1955 | 5 | - |
| Oct. 27, 1954 | 16,600 | - | June 19, 1953 | 6 | - | Feb. 17, 1956 | 3 | - |
| Dec. 16, 1954 | 16,600 | - | July 16, 1953 | 5 | - | July 5, 1956 | 5 | - |
| Mar. 7, 1955 | 15,700 | - | Aug. 20, 1953 | 5 | - | Mar. 18, 1957 | 7 | - |
| May 19, 1955 | 15,900 | - | Oct. 7, 1953 | 4.2 | - | Sept. 17, 1957 | 5 | - |
| Aug. 5, 1955 | 15,700 | - | Nov. 18, 1953 | 6 | - | May 21, 1958 | 4 | - |
| Jan. 4, 1956 | 15,500 | - | Dec. 18, 1953 | 4 | - | Aug. 17, 1959 | 4.5 | 58.4 |
| July 5, 1956 | 15,600 | - | Jan. 22, 1954 | 6 | - | Mar. 9, 1960 | 4.4 | - |
| Feb. 18, 1957 | 16,100 | - | Mar. 6, 1954 | 5 | - | July 20, 1960 | 4 | - |
| Apr. 16, 1957 | 15,900 | - | Apr. 8, 1954 | 4 | - | N3937. | | |
| Sept. 17, 1957 | 15,800 | - | May 14, 1954 | 8 | - | Apr. 1, 1953 | 13 | - |
| May 21, 1958 | 15,500 | - | June 5, 1954 | 4 | - | July 7, 1954 | 4.6 | - |
| Apr. 9, 1959 | 14,700 | - | July 8, 1954 | 4 | - | Jan. 14, 1958 | 5.4 | - |
| Aug. 6, 1959 | 15,500 | 60.0 | Aug. 10, 1954 | 6 | - | Aug. 24, 1960 | 3.6 | - |
| Feb. 29, 1960 | 15,500 | - | Oct. 23, 1954 | 3 | - | Jan. 29, 1962 | 4.4 | - |
| July 20, 1960 | 15,500 | - | Dec. 20, 1954 | 5 | - | July 18, 1962 | - | 55.9 |
| N3862. | | | Mar. 4, 1955 | 3 | - | N4026. | | |
| Apr. 19, 1952 | 1,900 | - | June 15, 1955 | 4 | - | Nov. 21, 1952 | 5 | 55.4 |
| Oct. 31, 1952 | 1,920 | 57.0 | Sept. 9, 1955 | 4 | - | May 16, 1953 | 5 | - |
| Nov. 24, 1952 | 1,800 | - | Oct. 11, 1955 | 6 | - | Aug. 19, 1953 | 5 | - |
| Apr. 14, 1953 | 2,150 | - | Dec. 28, 1955 | 6 | - | Sept. 9, 1953 | 4 | - |
| June 15, 1953 | 2,200 | - | Apr. 5, 1956 | 5 | - | Oct. 22, 1953 | 5 | - |
| Aug. 12, 1953 | 2,300 | - | June 13, 1956 | 5 | - | Dec. 17, 1953 | 4 | - |
| Oct. 23, 1953 | 2,200 | - | Feb. 21, 1957 | 5 | - | Mar. 5, 1954 | 5 | - |
| Dec. 18, 1953 | 2,100 | - | Sept. 20, 1957 | 7 | - | Apr. 8, 1954 | 4 | - |
| Jan. 21, 1954 | 2,200 | - | Nov. 19, 1957 | 7 | - | May 14, 1954 | 3 | - |
| Feb. 5, 1954 | 2,100 | 56.5 | May 27, 1958 | 6 | - | June 8, 1954 | 5 | - |
| Mar. 5, 1954 | 1,920 | - | Apr. 9, 1959 | 6 | - | July 8, 1954 | 6 | - |
| June 8, 1954 | 2,100 | - | Nov. 6, 1959 | 6 | - | July 19, 1954 | - | 55.8 |
| Oct. 27, 1954 | 2,080 | - | July 11, 1960 | 6 | - | Aug. 10, 1954 | 3 | - |
| Apr. 19, 1955 | 1,920 | - | N3866. | | | Apr. 20, 1955 | 4 | - |
| June 14, 1955 | 1,920 | - | Oct. 14, 1952 | 3.5 | 53.0 | May 20, 1955 | 3 | - |
| Aug. 4, 1955 | 1,960 | - | Nov. 20, 1952 | 3 | 57.0 | Apr. 9, 1959 | 8 | - |
| Jan. 5, 1956 | 1,920 | - | May 15, 1953 | 6 | - | July 11, 1960 | 5 | 56.0 |
| Mar. 20, 1956 | 2,000 | - | July 1953 | 5 | - | Sept. 22, 1961 | 6 | - |
| June 12, 1956 | 1,960 | - | Sept. 9, 1953 | 3.2 | - | Apr. 6, 1962 | 5 | - |
| Sept. 18, 1957 | 1,920 | - | Oct. 21, 1953 | 5 | - | N4042. | | |
| Nov. 15, 1957 | 2,040 | - | Dec. 16, 1953 | 5 | - | Oct. 28, 1953 | 5.6 | - |
| Aug. 7, 1958 | 2,240 | - | Jan. 22, 1954 | 6 | - | Sept. 16, 1957 | 5.4 | - |
| Apr. 1959 | 2,080 | - | Apr. 8, 1954 | 3 | - | May 18, 1959 | 3 | - |
| Nov. 4, 1959 | 1,950 | - | May 14, 1954 | 3 | - | Apr. 18, 1960 | 8.4 | - |
| Mar. 2, 1960 | 1,960 | - | July 20, 1954 | 5 | 57.6 | Sept. 14, 1960 | 6.2 | - |
| July 25, 1960 | 1,900 | - | Oct. 26, 1954 | 5 | - | Nov. 21, 1961 | 6.8 | - |
| Jan. 3, 1961 | 1,950 | - | Mar. 4, 1955 | 4 | - | July 18, 1962 | - | 52.4 |
| Apr. 10, 1962 | 2,100 | - | Aug. 2, 1955 | 5 | - | Selected values only. Chloride concentrations probably effected by pumping rates and analytical errors. | | |
| Selected values only. Chloride concentrations probably effected by pumping rates and analytical errors. | | | Oct. 11, 1955 | 7 | - | Selected values only. Chloride concentrations probably effected by pumping rates and analytical errors. | | |
| | | | Nov. 23, 1955 | 5 | - | | | |
| | | | Jan. 5, 1956 | 3 | - | | | |
| | | | Apr. 5, 1956 | 3 | - | | | |
| | | | June 12, 1956 | 3 | - | | | |
| | | | Mar. 21, 1957 | 5 | - | | | |
| | | | Apr. 19, 1957 | 4 | - | | | |
| | | | Apr. 1959 | 4 | - | | | |

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N5209. | | |
| May 23, 1956 | 5.4 | 62.6 |
| Aug. 30, 1957 | 9 | - |
| Sept. 24, 1957 | 8.8 | - |
| Nov. 8, 1957 | 7.5 | - |
| Jan. 10, 1958 | 10 | - |
| Mar. 7, 1958 | 8.5 | - |
| Apr. 10, 1958 | 8.5 | - |
| May 8, 1958 | 8 | - |
| June 20, 1958 | 8 | - |
| July 17, 1958 | 8 | - |
| Aug. 14, 1958 | 8.5 | - |
| Sept. 18, 1958 | 9 | - |
| Oct. 17, 1958 | 8.5 | - |
| Nov. 13, 1958 | 7.5 | - |
| Dec. 11, 1958 | 7 | - |
| Jan. 14, 1959 | 7 | - |
| Feb. 4, 1959 | 9 | - |
| Mar. 16, 1959 | 8 | - |
| Apr. 9, 1959 | 8.5 | - |
| May 12, 1959 | 9 | - |
| July 10, 1959 | 15 | - |
| Aug. 15, 1959 | 10 | - |
| Sept. 1, 1959 | 7.5 | - |
| Mar. 9, 1960 | 8.5 | - |
| Mar. 31, 1960 | 7.8 | - |
| June 10, 1960 | 7.5 | - |
| Oct. 13, 1960 | 9 | - |
| May 25, 1961 | 9 | - |
| Dec. 19, 1961 | 8.8 | - |
| N6149. | | |
| Mar. 16, 1960 | 3 | - |
| Dec. 4, 1961 | 3.6 | - |
| July 18, 1962 | - | 53.2 |
| N6193. | | |
| Feb. 16, 1960 | 13 | - |
| Nov. 20, 1961 | 16 | - |
| July 20, 1962 | - | 52.9 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N6450. | | |
| July 22, 1958 | 4.2 | - |
| Aug. 20, 1959 | - | 70.1 |
| Apr. 5, 1960 | 5 | - |
| June 21, 1960 | 5 | - |
| Mar. 22, 1961 | 5 | - |
| Nov. 6, 1961 | 3.6 | - |
| Feb. 1, 1962 | 6.2 | - |
| May 20, 1962 | - | 69.8 |
| N6510. | | |
| Apr. 9, 1959 | 13,800 | 61.0 |
| Nov. 6, 1959 | 14,500 | - |
| Feb. 23, 1960 | 14,300 | - |
| July 15, 1960 | 14,500 | - |
| Jan. 5, 1961 | 14,300 | - |
| Apr. 10, 1962 | 14,400 | - |
| N6581. | | |
| Oct. 6, 1958 | 7,390 | 60.5 |
| Aug. 18, 1959 | 8,030 | 60.0 |
| Jan. 5, 1961 | 8,340 | - |
| July 21, 1961 | 8,520 | - |
| Apr. 13, 1962 | 9,100 | - |
| N6644. | | |
| Aug. 2, 1954 | 4.6 | - |
| Nov. 20, 1961 | 7.6 | - |
| July 18, 1962 | - | 51.1 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--------------------|----------------|------------------|
| N6664. | | |
| Sept. 19, 1959 | 16 | 57.0 |
| June 18, 1961 | - | 55.2 |
| June 30, 1961 | - | 55.6 |
| July 17, 1961 | - | 56.1 |
| Aug. 7, 1961 | 23 | 57.8 |
| Aug. 17, 1961 | - | 57.7 |
| Sept. 3, 1961 | - | 59.2 |
| Sept. 18, 1961 | - | 58.9 |
| Oct. 4, 1961 | - | 59.0 |
| Oct. 18, 1961 | - | 59.7 |
| Nov. 4, 1961 | - | 59.9 |
| Nov. 19, 1961 | - | 59.1 |
| Dec. 9, 1961 | - | 58.5 |
| Dec. 25, 1961 | - | 56.8 |
| Jan. 21, 1962 | - | 57.2 |
| Feb. 4, 1962 | - | 56.7 |
| Feb. 18, 1962 | - | 54.9 |
| Mar. 17, 1962 | - | 55.3 |
| June 4, 1962 | - | 55.9 |
| June 16, 1962 | 23 | - |
| Aug. 15, 1962 | - | 57.8 |
| Oct. 6, 1962 | 22 | 59.1 |
| Jan. 20, 1963 | 21 | 56.4 |
| Apr. 8, 1963 | 20 | - |
| N6702. | | |
| Aug. 31, 1959 | 15,600 | 61.7 |
| Sept. 10, 1959 | 15,700 | - |
| Nov. 12, 1959 | 15,800 | 60.5 |
| Nov. 16, 1959 | 15,700 | 60.2 |
| Mar. 14, 1960 | 15,600 | 59.4 |
| July 19, 1960 | 15,800 | 60.6 |
| Sept. 22, 1961 | 15,600 | - |
| Apr. 6, 1962 | 15,700 | - |

Table 3.--Summary of chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N.Y.
[Chloride analyses and temperature measurements by U.S. Geological Survey. Stations are shown on plate 1. See table 4 for other data.]

| Sampling station number | Map coordinates | Surface-water body | Locality | Chloride concentration | | | | Water temperature | | | | |
|--------------------------|-----------------|--------------------|--------------------|--------------------------|----------------|--|---------------|--------------------------|----------------|-------------------|---------------|---------------|
| | | | | Period of record (years) | No. of samples | Solitary analysis or higher of 2 samples | | Period of record (years) | No. of samples | Highest of record | | |
| | | | | | | Chloride (ppm) | Date | | | Temperature (°F) | Date | |
| Streams, ponds, or lakes | | | | | | | | | | | | |
| NS1 | B-5 | Motts Creek | Cedarhurst | 1957 | 1 | 9,200 | June 11, 1957 | 1957 | 1 | 71.5 | June 11, 1957 | -- |
| NS2 | B-5 | do. | Hewlett | 1957 | 1 | 22 | June 11, 1957 | 1957 | 1 | 72.9 | June 11, 1957 | -- |
| NS3 | B-5 | do. | Lynbrook | 1957 | 1 | 17 | June 11, 1957 | 1957 | 1 | 69.5 | June 11, 1957 | -- |
| NS4 | B-5 | do. | do. | 1957 | 1 | 25 | June 14, 1957 | 1957 | 1 | 59.5 | June 14, 1957 | -- |
| NS5 | B-5 | Watts Creek | Valley Stream | 1957 | 1 | 3,980 | Apr. 8, 1957 | 1957 | 1 | 49.6 | Apr. 8, 1957 | -- |
| NS6 | B-5 | do. | do. | 1957 | 1 | 15 | Apr. 8, 1957 | 1957 | 1 | 49.4 | Apr. 8, 1957 | -- |
| NS11 | B-6 | Mills River | do. | 1957 | 1 | 5,430 | Apr. 8, 1957 | 1957 | 1 | 47.7 | Apr. 8, 1957 | -- |
| NS12 | B-6 | do. | East Rockaway | 1957 | 1 | 600 | Apr. 8, 1957 | 1957 | 1 | 49.1 | Apr. 8, 1957 | -- |
| NS13 | B-6 | Smith Pond | Rockville Centre | 1957 | 1 | 15 | Apr. 8, 1957 | 1957 | 1 | 51.0 | Apr. 8, 1957 | -- |
| NS14 | B-7 | Freeport Creek | Lynbrook | 1957 | 2 | 7,250 | Apr. 8, 1957 | 1957 | 2 | 48.9 | Apr. 8, 1957 | Apr. 8, 1957 |
| NS15 | B-7 | do. | Freeport | 1957 | 1 | 12 | Apr. 8, 1957 | 1957 | 1 | 50.4 | Apr. 8, 1957 | -- |
| NS16 | B-7 | Meadow Pond | do. | 1957 | 1 | 13 | Apr. 8, 1957 | 1957 | 1 | 50.3 | Apr. 8, 1957 | -- |
| NS17 | B-7 | Freeport Creek | do. | 1957 | 1 | 15 | Apr. 8, 1957 | 1957 | 1 | 51.1 | Apr. 8, 1957 | -- |
| NS18 | B-7 | Simmonds Creek | Merrick | 1953 | 1 | 6,300 | May 13, 1953 | 1957 | 1 | 49.6 | Apr. 8, 1957 | -- |
| NS19 | B-7 | Jackson Creek | Belmore | 1957 | 1 | 1,600 | Apr. 8, 1957 | 1957 | 1 | 49.6 | Apr. 8, 1957 | -- |
| NS20 | B-7 | Wanago Stream | do. | 1957 | 1 | 15 | Apr. 8, 1957 | 1957 | 1 | 51.5 | Apr. 8, 1957 | -- |
| NS21 | C-5 | Valley Stream Pond | Valley Stream | 1957 | 1 | 19 | Apr. 8, 1957 | 1957 | 1 | 48.0 | Apr. 8, 1957 | -- |
| NS22 | C-6 | Pines Brook | Lakeview | 1957 | 1 | 9 | Apr. 8, 1957 | 1957 | 1 | 47.5 | Apr. 8, 1957 | -- |
| NS23 | C-6 | do. | West Hempstead | 1957 | 1 | 7 | Apr. 8, 1957 | 1957 | 1 | 51.6 | Apr. 8, 1957 | -- |
| NS24 | C-6 | Horse Brook | Hempstead | 1957 | 1 | 10 | Apr. 8, 1957 | 1957 | 1 | 49.6 | Apr. 8, 1957 | -- |
| NS25 | C-6 | do. | do. | 1957 | 1 | 10 | Apr. 8, 1957 | 1957 | 1 | 51.8 | Apr. 8, 1957 | -- |
| NS26 | C-7 | East Meadow Brook | Roosevelt | 1957 | 1 | 14 | Apr. 8, 1957 | 1957 | 1 | 49.9 | Apr. 8, 1957 | -- |
| NS27 | C-7 | Seaman Pond | Belmore | 1957 | 1 | 16 | Apr. 8, 1957 | 1957 | 1 | 51.7 | Apr. 8, 1957 | -- |
| NS28 | C-7 | Wanago Stream | North Belmore | 1957 | 1 | 18 | Apr. 8, 1957 | 1957 | 1 | 49.5 | Apr. 8, 1957 | -- |
| NS29 | C-8 | Massapequa Pond | Massapequa | 1957 | 1 | 12 | Apr. 8, 1957 | 1957 | 1 | 55.1 | Apr. 8, 1957 | -- |
| NS30 | D-5 | Lake Success | Lake Success | 1957 | 1 | 8 | Apr. 9, 1957 | 1957 | 1 | 53.6 | Apr. 9, 1957 | -- |
| NS31 | D-6 | Roslyn Brook | Roslyn | 1957 | 1 | 17 | Apr. 9, 1957 | 1957 | 1 | 47.9 | Apr. 9, 1957 | -- |
| NS32 | E-6 | Cedar Swamp Creek | Glen Cove | 1937-57 | 2 | 14 | Apr. 9, 1957 | 1957 | 2 | 46.3 | Apr. 9, 1957 | -- |
| NS33 | E-7 | Mill Neck Creek | Mill Neck | 1937-57 | 2 | 10 | June 30, 1937 | 1957 | 2 | 45.7 | Apr. 9, 1957 | -- |
| NS34 | E-7 | Beaver Lake | do. | 1957 | 1 | 9 | Apr. 9, 1957 | 1957 | 1 | 45.9 | Apr. 9, 1957 | -- |
| NS35 | E-8 | Cold Spring Brook | Cold Spring Harbor | 1957 | 1 | 10 | Apr. 9, 1957 | 1957 | 1 | 44.2 | Apr. 9, 1957 | -- |
| NS37 | E-8 | do. | do. | 1937-57 | 2 | 10 | Apr. 9, 1957 | 1957 | 2 | 46.6 | Apr. 9, 1957 | -- |
| NS38 | E-8 | Valley Stream | Valley Stream | 1957 | 1 | 14 | June 30, 1937 | 1957 | 1 | 80 | July 22, 1955 | Jan. 11, 1960 |
| NS39 | B-5 | Pines Brook | Malverne | 1957 | 1 | 14 | Apr. 9, 1957 | 1957 | 1 | 80 | July 11, 1955 | Feb. 9, 1951 |
| NS40 | C-6 | Hempstead Pond | do. | 1957 | 1 | 14 | Apr. 9, 1957 | 1957 | 1 | 80 | July 23, 1954 | Jan. 23, 1954 |
| NS41 | C-6 | do. | do. | 1957 | 1 | 14 | Apr. 9, 1957 | 1957 | 1 | 80 | July 23, 1954 | Jan. 23, 1954 |
| NS42 | C-7 | East Meadow Brook | Freeport | 1957 | 1 | 14 | Apr. 9, 1957 | 1957 | 1 | 80 | July 21, 1954 | Dec. 27, 1950 |
| NS43 | C-7 | Wanago Stream | Wanago | 1957 | 1 | 14 | Apr. 9, 1957 | 1957 | 1 | 76 | July 21, 1954 | Dec. 27, 1950 |
| NS44 | C-8 | Massapequa Creek | Massapequa | 1957 | 1 | 14 | Apr. 9, 1957 | 1957 | 1 | 79 | Aug. 19, 1954 | Feb. 20, 1953 |
| NS45 | D-6 | Roslyn Brook | Roslyn | 1957 | 1 | 14 | Apr. 9, 1957 | 1957 | 1 | 69 | July 21, 1954 | Dec. 19, 1953 |
| NS46 | E-6 | Cedar Swamp Creek | Glen Cove | 1957 | 1 | 14 | Apr. 9, 1957 | 1957 | 1 | 85 | July 21, 1954 | Jan. 30, 1952 |
| NS47 | E-7 | Mill Neck Creek | Mill Neck | 1957 | 1 | 14 | Apr. 9, 1957 | 1957 | 1 | 85 | Aug. 30, 1948 | Jan. 30, 1952 |
| NS48 | E-8 | Cold Spring Brook | Cold Spring Harbor | 1957 | 1 | 14 | Apr. 9, 1957 | 1957 | 1 | 76 | July 11, 1955 | Dec. 27, 1950 |

1/ Includes solitary measurements, and higher of two measurements (NS14).

Table 4.--Chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N. Y.

[Chloride analyses and temperature measurements by U.S. Geological Survey. Stations shown on plate 1. See table 3 for other data]

| Date of collection | Chloride (ppm) | Temperature (°F) |
|---|------------------|------------------|
| NS1. (B-5.) Motts Creek, at southeasterly end of boat basin branching off from creek, approximately 500 feet in a northeasterly direction from the intersection of Rockaway and Peninsula Blvds., Cedarhurst. | | |
| June 11, 1957 | 9200 | 71.5 |
| NS2. (B-5.) Motts Creek, south branch, immediately west of the intersection of Mill Rd. and Peninsula Blvd., Hewlett. | | |
| June 11, 1957 | 22 | 72.9 |
| NS3. (B-5.) Motts Creek, south branch, north of the intersection of Rockaway Ave. and Peninsula Blvd., Lynbrook. | | |
| June 11, 1957 | 17 | 69.5 |
| NS4. (B-5.) Motts Creek, south branch, south side of culvert underlying Sunrise Highway, immediately east of the intersection with Peninsula Blvd., Lynbrook. | | |
| June 14, 1957 | 25 | 59.5 |
| NS5. (B-5.) Watts Creek, north side of Ocean Ave., about 0.9 mile south of Sunrise Highway, Valley Stream. | | |
| Apr. 8, 1957 | 3,980 | 49.6 |
| NS6. (B-5.) Watts Creek, south side of Sunrise Highway, Valley Stream. | | |
| Apr. 8, 1957 | 15 | 49.4 |
| NS7. (B-5.) Brosevere Bay, foot of Woodsburgh Dock, Woodsburgh. | | |
| Aug. 13, 1953 | 14,600 | - |
| NS8. (B-5.) Rockaway Channel, at channel terminus of Indiana St., near well N3448, Long Beach. | | |
| Sept. 11, 1952 | 14,700 15,500 | - - |
| NS9. (B-5.) Reynolds Channel, along sea wall, at channel terminus of Laurelton Blvd., Long Beach. | | |
| Aug. 25, 1947 | 16,000 | - |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|---|----------------|------------------|
| NS10. (A-5.) Atlantic Ocean, along breakwater 50 feet offshore, at ocean terminus of Laurelton Blvd., Long Beach. | | |
| Aug. 25, 1947 | 17,000 | - |
| NS11. (B-6.) Millis River, at south side of Atlantic Ave., East Rockaway. | | |
| Apr. 8, 1957 | 5,430 | 47.7 |
| NS12. (B-6.) Millis River, north side of S. Park Ave., Rockville Center. | | |
| Apr. 8, 1957 | 600 | 49.1 |
| NS13. (B-6.) Smith Pond, northwest corner of pond, Lynbrook. | | |
| Apr. 8, 1957 | 15 | 51.0 |
| NS14. (B-7.) Freeport Creek, at south side of Mill Rd., Freeport. | | |
| Apr. 8, 1957 | 5,430 7,250 | 48.9 48.4 |
| NS15. (B-7.) Freeport Creek, at south side of Merrick Rd., Freeport. | | |
| Apr. 8, 1957 | 12 | 50.4 |
| NS16. (B-7.) Meadow Pond, southwest corner of pond, Freeport. | | |
| Apr. 8, 1957 | 13 | 50.3 |
| NS17. (B-7.) Freeport Creek, at north side of Hempstead-Babylon Tpke., Freeport. | | |
| Apr. 8, 1957 | 15 | 51.1 |
| NS18. (B-7.) Simmonds Creek, Merrick Town Dock, Merrick. | | |
| May 13, 1953 | 6,300 | - |
| NS19. (B-7.) Jackson Creek, at south end of Hempstead Lane, Bellmore. | | |
| Apr. 8, 1957 | 1,600 | 49.6 |
| NS20. (B-7.) Wantagh Stream, at south end of pond near Merrick Rd., behind spillway, Bellmore. | | |
| Apr. 8, 1957 | 15 | 49.6 |

| Date of collection | Chloride (ppm) | Temperature (°F) |
|--|----------------|------------------|
| NS21. (C-5.) Valley Stream Pond, north end of pond, Valley Stream. | | |
| Apr. 9, 1957 | 19 | 51.5 |
| NS22. (C-6.) Pines Brook, north side of Johnson La., Lakeview. | | |
| Apr. 8, 1957 | 19 | 48.0 |
| NS23. (C-6.) Pines Brook, about 50 feet west of the western terminus of Henry St., West Hempstead. | | |
| Apr. 8, 1957 | 7 | 47.5 |
| NS24. (C-6.) Horse Brook, at north side of Tyler Ave., Hempstead. | | |
| Apr. 8, 1957 | 10 | 51.6 |
| NS25. (C-6.) Horse Brook, west of intersection of Jackson St. and Belmont Ave., Hempstead. | | |
| Apr. 8, 1957 | 10 | 49.6 |
| NS26. (C-7.) East Meadow Brook, pond adjacent to and west of Meadowbrook State Pkwy., approximately 0.6 mile south of Southern State Pkwy., Roosevelt. | | |
| Apr. 8, 1957 | 14 | 51.8 |
| NS27. (C-7.) Seamen Pond, at south end of pond near Park Ave., behind spillway, Bellmore. | | |
| Apr. 8, 1957 | 16 | 49.9 |
| NS28. (C-7.) Wantagh Stream, north side of Jerusalem Ave., North Bellmore. | | |
| Apr. 8, 1957 | 18 | 51.7 |
| NS29. (C-8.) Massapequa Pond, south end of pond near N.Y. City Dept. of Water Supply, Gas & Electricity pumping station, Massapequa. | | |
| Apr. 8, 1957 | 12 | 49.5 |
| NS30. (D-5.) Lake Success, northeast corner of lake, Lake Success. | | |
| Apr. 9, 1957 | 8 | 55.1 |
| NS31. (D-6.) Roslyn Brook, pond at head of brook in Roslyn Park, Roslyn. | | |
| Apr. 9, 1957 | 17 | 53.6 |

Table 4.- Chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N. Y.--Continued

| Date of collection | Chloride (ppm) | Temperature (°F) |
|---|----------------|------------------|
| NS32. (E-6.) Cedar Swamp Creek, at east end of culvert passing under municipal parking lot and U.S. Post Office, Glen Cove. | | |
| June 30, 1937 | 9 | - |
| Apr. 9, 1957 | 14 | 47.9 |
| NS33. (E-7.) Mill Neck Creek, near intersection of Frost Mill and Beaver Brook Rds., Mill Neck. | | |
| June 30, 1937 | 10 | - |
| Apr. 9, 1957 | 6 | 46.3 |
| NS34. (E-7.) Beaver Lake, south side of and behind spillway located at the northwest corner of the lake, Mill Neck. | | |
| Apr. 9, 1957 | 9 | 45.7 |
| NS35. (E-7.) Oyster Bay Cove, foot of Cove Landing Rd., at embayment, Oyster Bay. | | |
| Aug. 21, 1953 | 11,000 | - |
| NS36. (E-8.) Cold Spring Brook, near Stillwell Lane, approximately 0.5 mile west of Cold Spring Harbor Rd., Cold Spring Harbor. | | |
| Apr. 9, 1957 | 19 | 45.9 |
| NS37. (E-8.) Cold Spring Brook, approximately 0.8 mile south of Route 25A, Cold Spring Harbor. | | |
| Apr. 9, 1957 | 10 | 44.2 |
| NS38. (E-8.) Cold Spring Brook, pond behind dam located south of N.Y. State Fish Hatchery, Cold Spring Harbor. | | |
| June 30, 1937 | 5 | - |
| Apr. 9, 1957 | 10 | 46.6 |

| Month | High | Low | Median |
|--|------|-----|--------|
| NS39. (B-5.) Valley Stream, 40 feet upstream from West Valley Stream Blvd., Valley Stream. | | | |
| Jan. | 42 | 34 | 37.5 |
| Feb. | 45 | 38 | 39.5 |
| Mar. | 51 | 39 | 42 |
| Apr. | 59 | 39 | 50.5 |
| May | 64 | 55 | 60 |
| June | 78 | 67 | 73 |
| July | 80 | 70 | 74 |
| Aug. | 79 | 69 | 72 |
| Sept. | 77 | 62 | 64 |
| Oct. | 71 | 55 | 63 |
| Nov. | 56 | 45 | 52 |
| Dec. | 44 | 38 | 40 |
| NS40. (C-6.) Pines Brook, 100 feet downstream from Lakeview Ave., Malverne. | | | |
| Jan. | 50 | 35 | 40 |
| Feb. | 57 | 34 | 40 |
| Mar. | 53 | 40 | 48 |
| Apr. | 67 | 48 | 53 |
| May | 68 | 56 | 62 |
| June | 78 | 64 | 72 |
| July | 82 | 64 | 74 |
| Aug. | 79 | 60 | 72 |
| Sept. | 77 | 59 | 67 |
| Oct. | 68 | 51 | 58 |
| Nov. | 57 | 38 | 48 |
| Dec. | 48 | 38 | 45 |
| NS41. (C-6.) Hempstead Pond, at tail water end of spillway, south end of pond, north side of Lakeview Ave., Malverne. | | | |
| Jan. | 40 | 33 | 36 |
| Feb. | 37 | 35 | 36 |
| Mar. | 50 | - | - |
| Apr. | 62 | 46 | 56 |
| May | 70 | 58 | 64.5 |
| June | 64 | - | - |
| July | 80 | 74 | 77.5 |
| Aug. | 81 | 75 | 77.5 |
| Sept. | 72 | 60 | 67.5 |
| Oct. | 62 | 58 | 60. |
| Nov. | 51 | 44 | 45 |
| Dec. | 42 | - | - |
| NS42. (C-7.) East Meadow Brook, 50 feet upstream from bridge at Hempstead-Babylon Tpke. and 300 feet west of East Meadowbrook Pkwy., Freeport. | | | |
| Jan. | 46 | 38 | 42 |
| Feb. | 48 | 38 | 42 |
| Mar. | 50 | 42 | 47 |
| Apr. | 58 | 41 | 51.5 |
| May | 67 | 55 | 59 |
| June | 76 | 59 | 66 |
| July | 78 | 66 | 71 |
| Aug. | 77 | 64 | 70.5 |
| Sept. | 74 | 62 | 65 |
| Oct. | 67 | 33 | 59.5 |
| Nov. | 57 | 46 | 50 |
| Dec. | 51 | 37 | 43 |
| NS43. (C-7.) Wantagh Stream, east side of Wantagh Pkwy, at northwest village boundary, Wantagh. | | | |
| Jan. | 51 | 39 | 45 |
| Feb. | 53 | 38 | 45 |
| Mar. | 59 | 42 | 47 |
| Apr. | 59 | 49 | 55 |
| May | 69 | 53 | 60.5 |
| June | 71 | 58 | 62 |
| July | 76 | 61 | 69.5 |
| Aug. | 72 | 58 | 67 |
| Sept. | 75 | 52 | 64 |
| Oct. | 68 | 48 | 59 |
| Nov. | 60 | 44 | 52 |
| Dec. | 55 | 34 | 45 |

| Month | High | Low | Median |
|--|------|-----|--------|
| NS44. (C-8.) Massapequa Creek, left bank 350 feet west of intersection of Garfield St. and Lake Shore Dr., Massapequa. | | | |
| Jan. | 51 | 41 | 45 |
| Feb. | 51 | 39 | 44 |
| Mar. | 58 | 41 | 48.5 |
| Apr. | 61 | 42 | 53.5 |
| May | 61 | 49 | 56 |
| June | 75 | 53 | 60.5 |
| July | 73 | 60 | 64 |
| Aug. | 79 | 58 | 64 |
| Sept. | 79 | 54 | 59 |
| Oct. | 60 | 50 | 56 |
| Nov. | 60 | 42 | 50 |
| Dec. | 53 | 41 | 47.5 |
| NS45. (D-6.) Roslyn Brook, 200 feet below spillway, Roslyn Park, Roslyn. | | | |
| Jan. | 49 | 38 | 45 |
| Feb. | 43 | 40 | 41 |
| Mar. | 48 | - | - |
| Apr. | 59 | 47 | 51 |
| May | 65 | 59 | 61 |
| June | 67 | 65 | 66 |
| July | 70 | 64 | 67.5 |
| Aug. | 65 | 61 | 63 |
| Sept. | 67 | 62 | 64 |
| Oct. | 53 | - | - |
| Nov. | 50 | 48 | 49 |
| Dec. | 33 | - | - |
| NS46. (E-6.) Cedar Swamp Creek, downstream side of highway bridge at culvert draining to pond in Pratt Park, 1 block west of post office, Glen Cove. | | | |
| Jan. | 48 | 40 | 43 |
| Feb. | 52 | 42 | 47 |
| Mar. | 55 | 40 | 48 |
| Apr. | 59 | 49 | 52 |
| May | 67 | 52 | 57 |
| June | 74 | 56 | 59 |
| July | 68 | 57 | 60.5 |
| Aug. | 65 | 59 | 60 |
| Sept. | 64 | 55 | 59 |
| Oct. | 60 | 51 | 56 |
| Nov. | 59 | 50 | 53.5 |
| Dec. | 50 | 35 | 49.5 |
| NS47. (E-7.) Mill Neck Creek, at spillway of Beaver Lake, 30 feet south of Feeks La. (Cleft Rd.) Bridge, Mill Neck. | | | |
| Jan. | 40 | 32 | 37.5 |
| Feb. | 44 | 33 | 37 |
| Mar. | 56 | 39 | 45.5 |
| Apr. | 68 | 45 | 55 |
| May | 73 | 53 | 64 |
| June | 83 | 65 | 73 |
| July | 83 | 72 | 78.5 |
| Aug. | 85 | 67 | 76 |
| Sept. | 85 | 57 | 66.5 |
| Oct. | 65 | 46 | 58.5 |
| Nov. | 54 | 34 | 43 |
| Dec. | 47 | 33 | 38 |
| NS48. (E-8.) Cold Spring Brook, left bank 270 feet upstream from State Highway 25A, at Cold Spring Harbor State Fish Hatchery, Cold Spring Harbor. | | | |
| Jan. | 45 | 37 | 40 |
| Feb. | 45 | 38 | 41 |
| Mar. | 54 | 39 | 45 |
| Apr. | 61 | 46 | 53.5 |
| May | 66 | 48 | 63 |
| June | 78 | 59 | 70 |
| July | 78 | 68 | 74 |
| Aug. | 77 | 61 | 72 |
| Sept. | 75 | 58 | 63 |
| Oct. | 62 | 48 | 56 |
| Nov. | 50 | 40 | 47.5 |
| Dec. | 47 | 35 | 40 |

